

Converting Colors

XYZ(81.5570, 86.6720, 92.5537)

Have a look what the booklet for
XYZ(81.5570, 86.6720, 92.5537)
contains.

XYZ(81.3712, 86.4391, 92.5165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(81.3712, 86.4391,
92.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF0ED
RGB	237, 240, 237
RGB Percent	93%, 94%, 93%
CMY	0.0706, 0.0588, 0.0706
CMYK	0.01, 0.00, 0.01, 0.06
HSL	120°, 9%, 94%
HSV	120°, 1%, 94%
XYZ	81.3712, 86.4391, 92.5165
YIQ	238.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

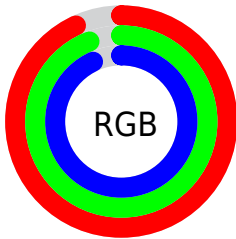
Format	Color
R _Y B	237, 240, 240
Decimal	15593709
CIE Lab	94.50, -1.52, 1.09
CIE LCh	94, 1.872, 144.531
Yxy	86.4391, 0.3126, 0.3320
Android (android.graphics.Color)	4293783789 (0xFFEDF0ED)
YUV	238.7610, -0.8682, -1.5444
Hunter-Lab	92.9726, -6.4759, 6.0817

Details

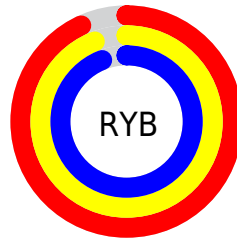
The XYZ color **81.3712, 86.4391, 92.5165** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.9507, 85.3871, 94.6044**, and the grayscale version is **81.8673, 86.1308, 93.7964**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5370, 47.4409, 50.5257** is the 20% darker color. If you saturate the color by 10%, you get **70.6132, 81.2740, 74.9182**, and if you desaturate by 10%, it is **90.4517, 90.8035, 107.3672**.

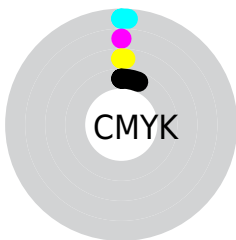
Distribution



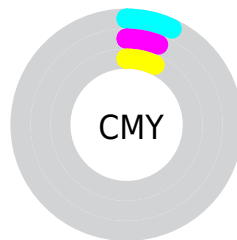
- Red (93%)
- Green (94%)
- Blue (93%)



- Red (93%)
- Yellow (94%)
- Blue (94%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3712, 86.4391, 92.5165 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 81.3712, 86.4391, 92.5165 by changing the saturation by 10% instead.

81.3712, 86.4391,
92.5165

81.3712, 86.4391,
92.5165

488.2084,
516.3780, 556.9633

61.1597, 65.0311,
69.4843

134.2323,
142.3821, 152.7950

44.6071, 47.4863,
50.6320

167.6126,
177.6859, 190.8783

31.3480, 33.4203,
35.5411

206.1132,
218.3904, 234.8157

21.0171, 22.4486,
23.7931

250.0995,
264.8801, 285.0257

13.2491, 14.1869,
14.9695

299.9368,
317.5393, 341.9270

7.6784, 8.2508,
8.6516

355.9905,

3.9400, 4.2558,

376.7524, 405.9380

4.4209

418.6259,
442.9038, 477.4772

■ 1.6682, 1.8177,
1.8590

■ 0.4363, 0.4982,
0.4664

■ 81.3712, 86.4391,
92.5165

■ 81.3712, 86.4391,
92.5165

■ 70.6132, 81.2740,
74.9182

■ 90.4517, 90.8035,
107.3672

■ 61.3338, 76.8166,
59.7405

■ 53.4707, 73.0396,
46.8792

■ 46.9542, 69.9094,
36.2204

■ 41.7089, 67.3898,
27.6407

■ 37.6518, 65.4410,
21.0044

■ 34.6902, 64.0184,
16.1599

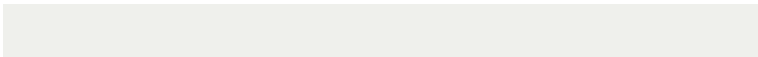
■ 32.7176, 63.0708,
12.9330

■ 31.6064, 62.5371,
11.1149

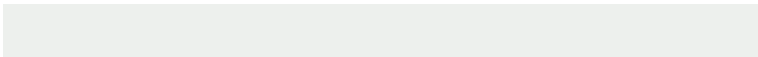
Harmonies

Analogous

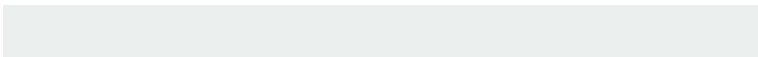
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7562, 86.4391, 91.6156



81.3712, 86.4391, 92.5165



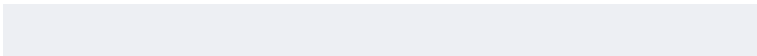
81.1971, 86.4391, 93.8533

Triad

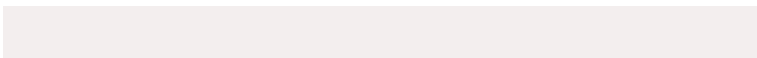
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3712, 86.4391, 92.5165



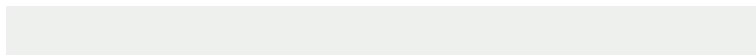
82.0655, 86.4391, 96.9068



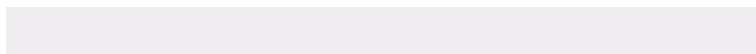
83.0424, 86.4391, 92.9701

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



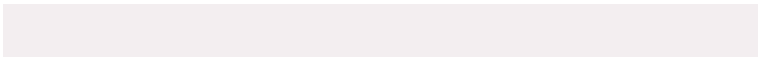
81.3712, 86.4391, 92.5165



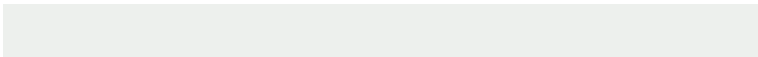
81.9507, 85.3871, 94.6044

Split Complementary

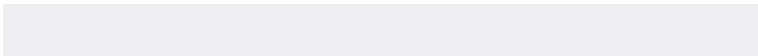
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1260, 86.4391, 94.3822



81.3712, 86.4391, 92.5165



82.5607, 86.4391, 96.6645

Square

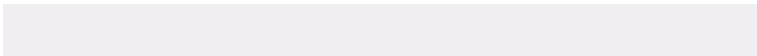
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



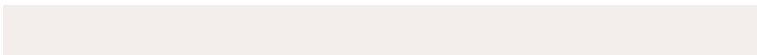
81.3712, 86.4391, 92.5165



81.5968, 86.4391, 96.3955



82.9494, 86.4391, 95.7368



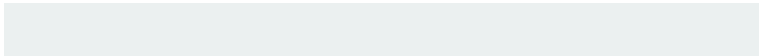
82.7213, 86.4391, 91.8756

Rectangle

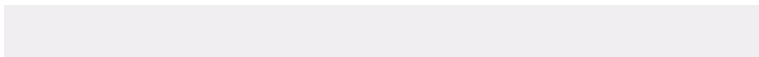
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



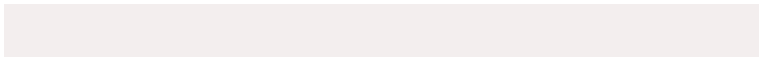
81.3712, 86.4391, 92.5165



81.2234, 86.4391, 94.8154



82.9494, 86.4391, 95.7368



83.0992, 86.4391, 93.4230

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81.3736, 86.4428, 92.5184

95.0500, 100.0000, 108.9000



82.3851, 86.9643, 92.5656



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

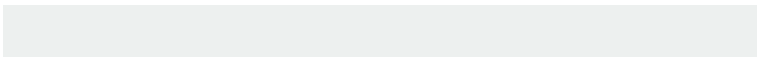
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3736, 86.4428, 92.5184



92.3882, 98.7214, 104.5463



81.5941, 86.5310, 93.6791



17.3332, 18.5053, 19.6280



17.0576, 34.1150, 5.6861



1.4190, 2.8381, 0.4731

Inverse Universe

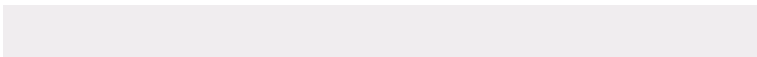
The Inverse Universe completely reimagines the original color for something new.



81.9507, 85.3871, 94.6044



93.4445, 96.7891, 108.3646



81.7285, 85.2982, 93.4340



17.5202, 18.1632, 20.3040



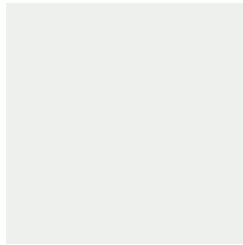
28.2802, 13.5845, 46.2536



2.3527, 1.1301, 3.8479

Previews

White Background



This preview shows how the XYZ color 81.3712, 86.4391, 92.5165 looks on a white background.

Color Contrast Check

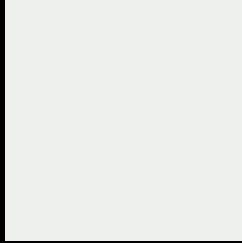
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 81.3712, 86.4391, 92.5165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

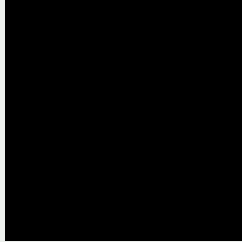
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

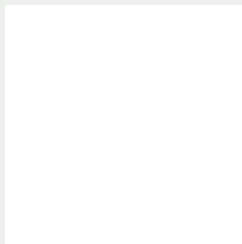
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3712, 86.4391, 92.5165

Background



This preview shows how black text looks on a background with the XYZ color 81.3712, 86.4391, 92.5165.



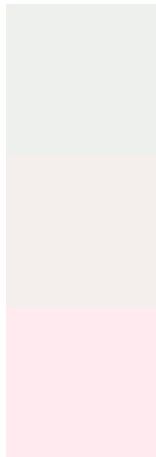
This preview shows how white text looks on a background with the XYZ color 81.3712, 86.4391,

92.5 65.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

81.3712, 86.4391, 92.5165

Protanopia

83.0231, 86.4383, 91.6654

Deuteranopia

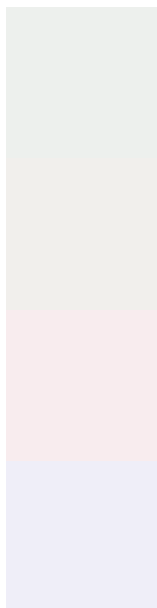
86.2428, 86.3376, 93.7807



Tritanopia

84.2694, 86.3136, 106.8265

Trichromacy



Original Color

81.3712, 86.4391, 92.5165

Protanomaly

82.2825, 86.4899, 91.7144

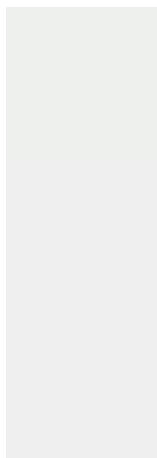
Deuteranomaly

84.1395, 86.1204, 93.0772

Tritanomaly

83.1144, 86.2771, 101.0795

Monochromacy



Original Color

81.3712, 86.4391, 92.5165

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.5590, 86.0832, 93.2060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3712, 86.4391, 92.5165 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(237, 240, 237) looks like.

```
.text, #text, p{  
    color:rgb(237, 240, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 240, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 240, 237) }
```

Border

The CSS property to change the border of an element to XYZ 81.3712, 86.4391, 92.5165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 240, 237) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(237, 240, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(237, 240, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 240, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 240, 237);  
box-shadow:4px 4px 4px 4px rgb(237, 240,  
237) }
```


Background

The CSS property to change the background color of an element to XYZ 81.3712, 86.4391, 92.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 240, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
240, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor