

Converting Colors

XYZ(80.9955, 87.3416,
100.1917)

Have a look what the booklet for
XYZ(80.9955, 87.3416, 100.1917)
contains.

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Color

**XYZ(81.1522, 87.4746,
100.6028)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F3F7
RGB	229, 243, 247
RGB Percent	90%, 95%, 97%
CMY	0.1020, 0.0470, 0.0314
CMYK	0.07, 0.02, 0.00, 0.03
HSL	193°, 53%, 93%
HSV	193°, 7%, 97%
XYZ	81.1522, 87.4746, 100.6028
YIQ	239.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

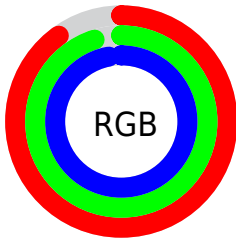
Format	Color
R _Y B	229, 237, 247
Decimal	15070199
CIE Lab	94.94, -3.85, -3.52
CIE LCh	95, 5.214, 222.480
Yxy	87.4746, 0.3014, 0.3249
Android (android.graphics.Color)	4293260279 (0xFFE5F3F7)
YUV	239.2700, 3.8109, -9.0068
Hunter-Lab	93.5279, -8.7930, 1.6945

Details

The XYZ color **81.1522, 87.4746, 100.6028** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.6399, 83.7085, 85.9847**, and the grayscale version is **82.2331, 86.5156, 94.2155**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4079, 48.1865, 56.2506** is the 20% darker color. If you saturate the color by 10%, you get **72.2089, 80.4664, 99.7228**, and if you desaturate by 10%, it is **91.2709, 95.1662, 101.5555**.

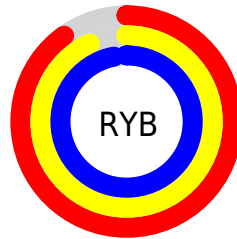
Distribution



Red (90%)

Green (95%)

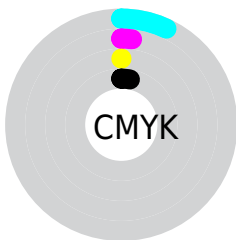
Blue (97%)



Red (90%)

Yellow (93%)

Blue (97%)

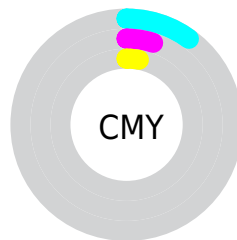


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (3%)



Cyan (10%)

Magenta (5%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1522, 87.4746, 100.6028 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 81.1522, 87.4746, 100.6028 by changing the saturation by 10% instead.

81.1522, 87.4746,
100.6028

81.1522, 87.4746,
100.6028

487.4850,
519.7811, 583.3868

60.9787, 65.8880,
76.1844

133.9265,
143.8255, 164.0444

44.4604, 48.1815,
56.0761

167.2580,
179.3586, 203.9047

31.2321, 33.9707,
39.8596

205.7062,
220.3093, 249.7493

20.9284, 22.8711,
27.1161

249.6364,
267.0620, 301.9968

13.1838, 14.4983,
17.4272

299.4140,
320.0012, 361.0658

7.6331, 8.4681,
10.3744

355.4045,

3.9109, 4.3959,

379.5112, 427.3748

5.5391

417.9730,
445.9763, 501.3422

■ 1.6519, 1.8974,
2.5027

■ 0.4258, 0.5468,
0.8416

■ 81.1522, 87.4746,
100.6028

■ 81.1522, 87.4746,
100.6028

■ 72.2089, 80.4664,
99.7228

■ 91.2709, 95.1662,
101.5555

■ 64.3858, 74.1056,
98.9074

■ 93.4620, 98.8421,
102.1495

■ 57.6347, 68.3688,
98.1559

■ 93.7888, 99.4955,
102.2584

■ 51.9006, 63.2272,
97.4657

■ 47.1235, 58.6492,
96.8338

■ 43.2370, 54.5999,
96.2570

■ 40.1655, 51.0396,
95.7317

■ 37.8204, 47.9220,
95.2536

■ 36.0868, 45.1872,
94.8171

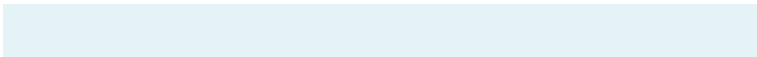
Harmonies

Analogous

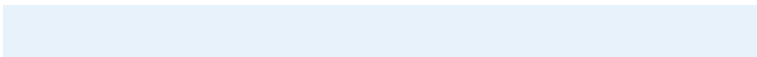
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5146, 87.4746, 96.9382



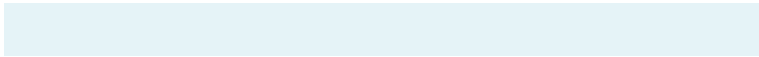
81.1522, 87.4746, 100.6028



82.3259, 87.4746, 102.8677

Triad

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



81.1522, 87.4746, 100.6028



85.7627, 87.4746, 97.6091



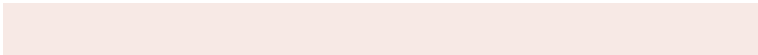
82.5556, 87.4746, 87.8404

Complementary

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



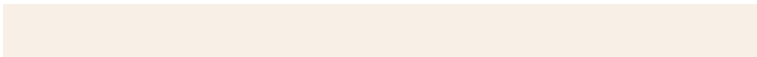
81.1522, 87.4746, 100.6028



81.6399, 83.7085, 85.9847

Split Complementary

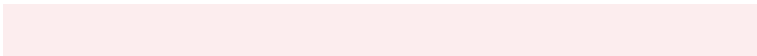
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.9634, 87.4746, 88.0084



81.1522, 87.4746, 100.6028



85.8259, 87.4746, 93.5716

Square

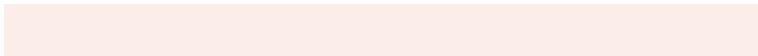
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1522, 87.4746, 100.6028



84.9923, 87.4746, 101.1059



85.1640, 87.4746, 90.0808



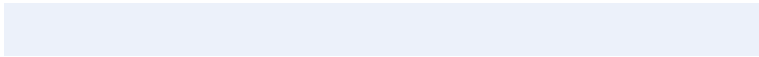
81.3187, 87.4746, 89.6150

Rectangle

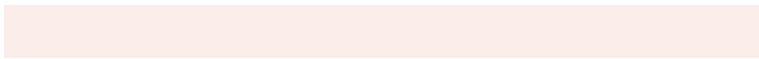
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1522, 87.4746, 100.6028



83.2597, 87.4746, 103.2408



85.1640, 87.4746, 90.0808



83.0243, 87.4746, 87.6730

Sweetspot

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



81.1547, 87.4783, 100.6047



92.8384, 98.3252, 108.6933



80.2690, 89.0585, 89.9767



19.8944, 21.0633, 23.2670



0.0000, 0.0000, 0.0000



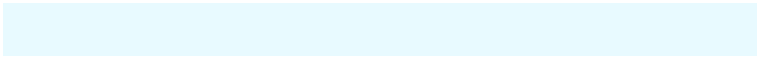
20.3446, 21.4041, 23.3091

Same Dimension

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



81.1547, 87.4783, 100.6047



85.5010, 92.6962, 107.9935



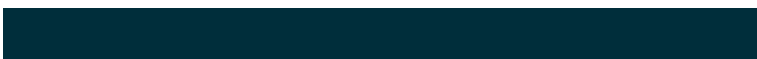
78.5543, 82.2775, 99.7379



16.6664, 18.0970, 21.1572



18.9771, 23.7479, 50.1216



1.7429, 2.2373, 4.4302

Inverse Universe

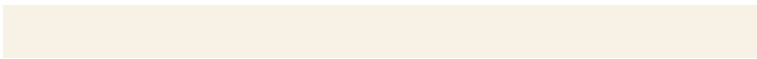
The Inverse Universe completely reimagines the original color for something new.



82.5567, 82.2856, 96.3298



87.3511, 85.8975, 102.3402



84.2244, 88.8775, 86.8462



17.0469, 16.7016, 19.9937



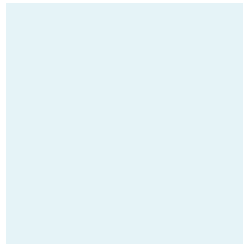
25.3833, 12.4967, 27.7903



2.2688, 1.1135, 2.6419

Previews

White Background



This preview shows how the XYZ color 81.1522, 87.4746, 100.6028 looks on a white background.

Color Contrast Check

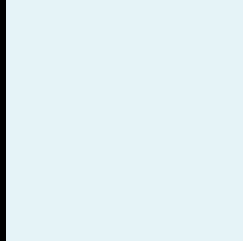
Large Text (above 18pt) WCAG AA × Fail

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 81.1522, 87.4746, 100.6028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

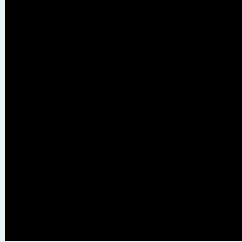
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

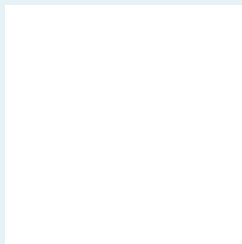
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1522, 87.4746, 100.6028

Background



This preview shows how black text looks on a background with the XYZ color 81.1522, 87.4746, 100.6028.



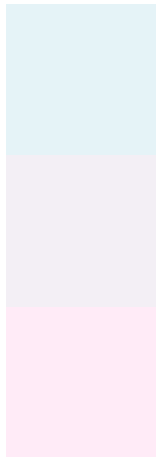
This preview shows how white text looks on a background with the XYZ color 81.1522, 87.4746,

100.6028.

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

81.1522, 87.4746, 100.6028

Protanopia

84.3101, 87.3803, 98.8087

Deuteranopia

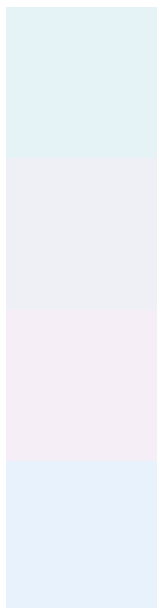
87.7368, 87.3921, 100.2398



Tritanopia

83.4370, 87.6230, 107.1231

Trichromacy



Original Color

81.1522, 87.4746, 100.6028

Protanomaly

83.0545, 87.1511, 99.6332

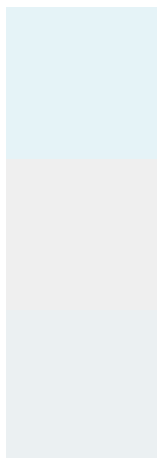
Deuteranomaly

85.3691, 87.4573, 100.3772

Tritanomaly

82.6015, 87.6883, 104.6674

Monochromacy



Original Color

81.1522, 87.4746, 100.6028

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.4481, 86.3931, 96.3872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1522, 87.4746, 100.6028 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(229, 243, 247)` looks like.

```
.text, #text, p{  
    color:rgb(229, 243, 247)  
}
```

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(229, 243, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 243, 247) }
```

Border

The CSS property to change the border of an element to XYZ 81.1522, 87.4746, 100.6028 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(229, 243, 247) }
```


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

```
.border{ border-color:rgb(229, 243, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 243, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 243, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 243, 247);  
box-shadow:4px 4px 4px 4px rgb(229, 243,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1522, 87.4746, 100.6028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 243, 247) }
```

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

```
.background{ background-color: rgb(229,  
243, 247) }
```

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](#).

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