

Converting Colors

XYZ(80.7637, 88.0892, 91.5203)

Have a look what the booklet for
XYZ(80.7637, 88.0892, 91.5203)
contains.

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Color

**XYZ(80.6248, 87.8553,
91.3057)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F4EB
RGB	232, 244, 235
RGB Percent	91%, 96%, 92%
CMY	0.0902, 0.0431, 0.0784
CMYK	0.05, 0.00, 0.04, 0.04
HSL	135°, 35%, 93%
HSV	135°, 5%, 96%
XYZ	80.6248, 87.8553, 91.3057
YIQ	239.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

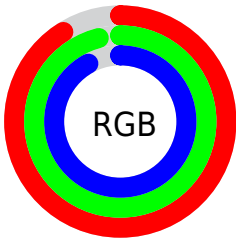
Format	Color
R _Y B	232, 242, 244
Decimal	15267051
CIE Lab	95.10, -5.57, 2.95
CIE LCh	95, 6.302, 152.075
Yxy	87.8553, 0.3104, 0.3382
Android (android.graphics.Color)	4293457131 (0xFFE8F4EB)
YUV	239.3860, -2.1623, -6.4775
Hunter-Lab	93.7312, -10.4890, 7.8560

Details

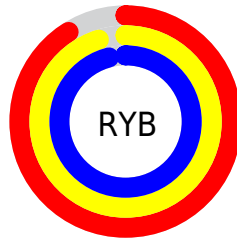
The XYZ color **80.6248, 87.8553, 91.3057** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.0452, 83.2994, 94.9775**, and the grayscale version is **82.3656, 86.6550, 94.3673**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0244, 48.4512, 49.6795** is the 20% darker color. If you saturate the color by 10%, you get **70.7381, 83.0510, 77.7432**, and if you desaturate by 10%, it is **91.3704, 93.0759, 106.3322**.

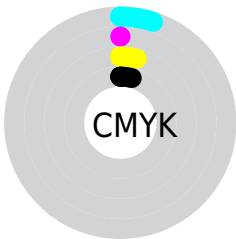
Distribution



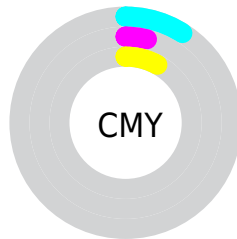
- Red (91%)
- Green (96%)
- Blue (92%)



- Red (91%)
- Yellow (95%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.6248, 87.8553, 91.3057 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 80.6248, 87.8553, 91.3057 by changing the saturation by 10% instead.

80.6248, 87.8553,
91.3057

80.6248, 87.8553,
91.3057

485.7405,
521.0293, 552.9485

60.5429, 66.2032,
68.4843

133.1897,
144.3557, 151.1021

44.1075, 48.4374,
49.8227

166.4034,
179.9728, 188.9141

30.9533, 34.1734,
34.9023

204.7251,
221.0137, 232.5601

20.7149, 23.0268,
23.3047

248.5201,
267.8629, 282.4586

13.0271, 14.6133,
14.6112

298.1538,
320.9046, 339.0282

7.5243, 8.5485,
8.4034

353.9915,

3.8413, 4.4479,

380.5233, 402.6873

4.2627

416.3986,
447.1034, 473.8546

■ 1.6128, 1.9271,
1.7705

■ 0.4007, 0.5646,
0.4084

■ 80.6248, 87.8553,
91.3057

■ 80.6248, 87.8553,
91.3057

■ 70.7381, 83.0510,
77.7432

■ 91.3704, 93.0759,
106.3322

■ 62.1675, 78.8922,
65.6180

■ 91.6424, 93.1847,
107.7641

■ 54.8588, 75.3544,
54.8846

■ 48.7509, 72.4072,
45.4928

■ 43.7779, 70.0177,
37.3897

■ 39.8670, 68.1496,
30.5185

■ 36.9369, 66.7623,
24.8185

■ 34.8938, 65.8086,
20.2234

■ 33.6240, 65.2315,
16.6601

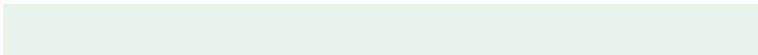
Harmonies

Analogous

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



81.7654, 87.8553, 87.8803



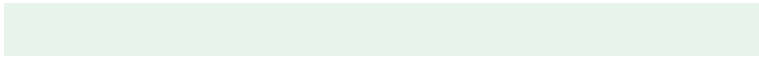
80.6248, 87.8553, 91.3057



80.2525, 87.8553, 96.0017

Triad

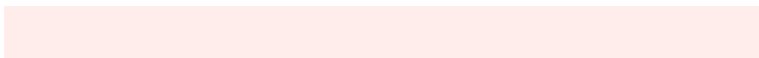
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.6248, 87.8553, 91.3057



83.6232, 87.8553, 105.4082



86.3285, 87.8553, 90.7330

Complementary

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



80.6248, 87.8553, 91.3057



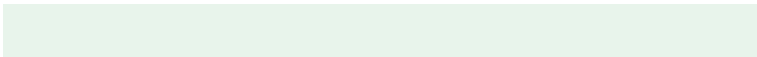
82.0452, 83.2994, 94.9775

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.



86.8418, 87.8553, 95.3181



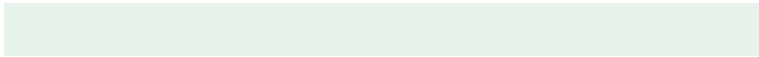
80.6248, 87.8553, 91.3057



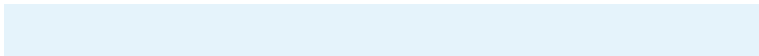
85.2667, 87.8553, 103.8847

Square

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



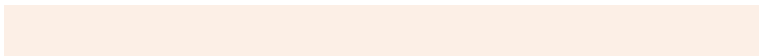
80.6248, 87.8553, 91.3057



81.9694, 87.8553, 104.2463



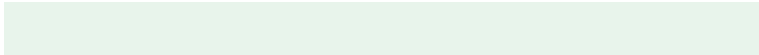
86.4506, 87.8553, 100.1495



85.0572, 87.8553, 87.5577

Rectangle

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



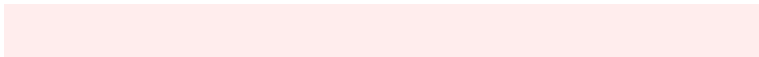
80.6248, 87.8553, 91.3057



80.4860, 87.8553, 99.2517



86.4506, 87.8553, 100.1495



86.5962, 87.8553, 92.1550

Sweetspot

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



80.6273, 87.8591, 91.3076



93.8116, 99.3970, 107.2426



83.2636, 89.2678, 89.1871



20.0926, 21.2814, 22.9718



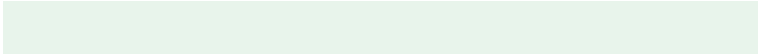
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

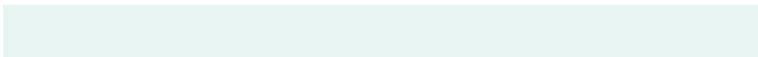
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6273, 87.8591, 91.3076



87.8503, 96.4956, 99.2048



81.4796, 88.2000, 95.7959



17.0772, 18.8440, 19.2521



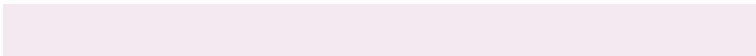
18.0941, 35.3825, 8.5152



1.6298, 3.1256, 0.9567

Inverse Universe

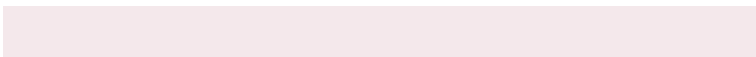
The Inverse Universe completely reimagines the original color for something new.



82.0452, 83.2994, 94.9775



89.7522, 90.3798, 104.1270



81.1919, 82.9581, 90.4841



17.4871, 17.5260, 20.3129



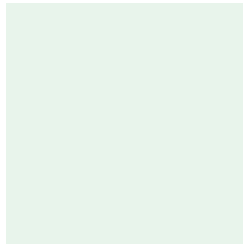
24.9922, 12.3403, 25.7310



2.2374, 1.1009, 2.4766

Previews

White Background



This preview shows how the XYZ color 80.6248, 87.8553, 91.3057 looks on a white background.

Color Contrast Check

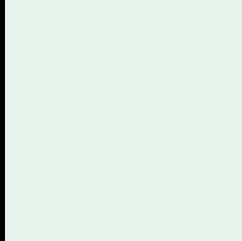
Large Text (above 18pt) WCAG AA × Fail

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 80.6248, 87.8553, 91.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

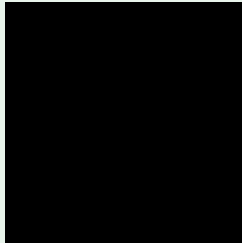
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

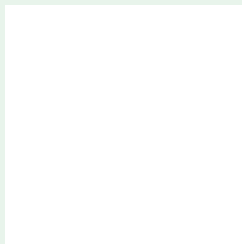
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.6248, 87.8553, 91.3057

Background



This preview shows how black text looks on a background with the XYZ color 80.6248, 87.8553, 91.3057.



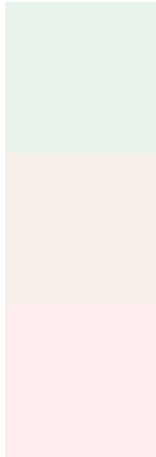
This preview shows how white text looks on a background with the XYZ color 80.6248, 87.8553,

91.3057.

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

80.6248, 87.8553, 91.3057

Protanopia

84.2258, 87.9775, 89.6330

Deuteranopia

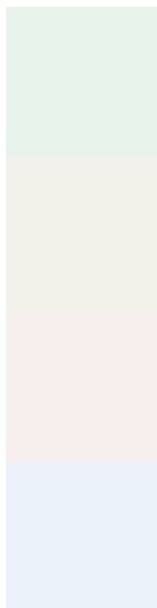
86.8154, 87.4829, 93.9716



Tritanopia

84.1351, 87.5447, 107.0712

Trichromacy



Original Color

80.6248, 87.8553, 91.3057

Protanomaly

82.9245, 87.7284, 90.4046

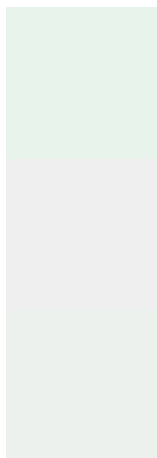
Deuteranomaly

84.6569, 87.6802, 93.3510

Tritanomaly

82.6595, 87.3501, 101.3106

Monochromacy



Original Color

80.6248, 87.8553, 91.3057

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.4800, 86.9165, 93.3710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6248, 87.8553, 91.3057 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(232, 244, 235)` looks like.

```
.text, #text, p{  
    color:rgb(232, 244, 235)  
}
```

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(232, 244, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 244, 235) }
```

Border

The CSS property to change the border of an element to XYZ 80.6248, 87.8553, 91.3057 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(232, 244, 235) }
```


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

```
.border{ border-color:rgb(232, 244, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 244, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 244, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 244, 235);  
box-shadow:4px 4px 4px 4px rgb(232, 244,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6248, 87.8553, 91.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 244, 235) }
```

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

```
.background{ background-color: rgb(232,  
244, 235) }
```

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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