

Converting Colors

XYZ(80.5095, 87.3591, 88.8229)

Have a look what the booklet for
XYZ(80.5095, 87.3591, 88.8229)
contains.

XYZ(80.5478, 87.4198, 88.9723)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(80.5478, 87.4198,
88.9723)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF3E8
RGB	234, 243, 232
RGB Percent	92%, 95%, 91%
CMY	0.0823, 0.0470, 0.0902
CMYK	0.04, 0.00, 0.05, 0.05
HSL	109°, 31%, 93%
HSV	109°, 5%, 95%
XYZ	80.5478, 87.4198, 88.9723
YIQ	239.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

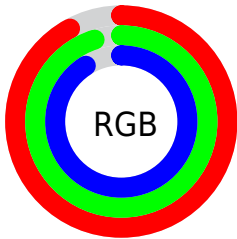
Format	Color
R _Y B	232, 243, 241
Decimal	15397864
CIE Lab	94.92, -4.93, 4.25
CIE LCh	95, 6.509, 139.183
Yxy	87.4198, 0.3135, 0.3402
Android (android.graphics.Color)	4293587944 (0xFFEAF3E8)
YUV	239.0550, -3.4781, -4.4332
Hunter-Lab	93.4986, -9.8470, 9.0292

Details

The XYZ color **80.5478, 87.4198, 88.9723** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.3132, 82.8874, 96.5117**, and the grayscale version is **82.1163, 86.3927, 94.0817**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9669, 48.1402, 48.0490** is the 20% darker color. If you saturate the color by 10%, you get **71.1666, 82.9578, 71.7435**, and if you desaturate by 10%, it is **90.9335, 92.3738, 107.6450**.

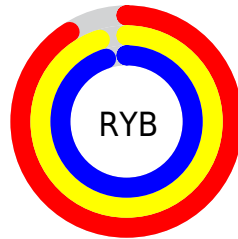
Distribution



Red (92%)

Green (95%)

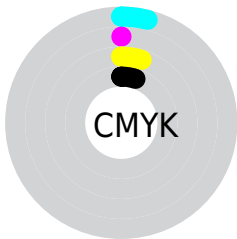
Blue (91%)



Red (91%)

Yellow (95%)

Blue (95%)

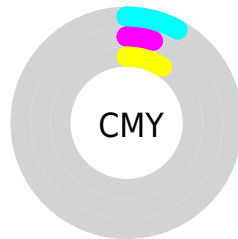


Cyan (4%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (8%)

Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5478, 87.4198, 88.9723 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 80.5478, 87.4198, 88.9723 by changing the saturation by 10% instead.

80.5478, 87.4198,
88.9723

80.5478, 87.4198,
88.9723

485.4855,
519.6013, 545.1657

60.4793, 65.8427,
66.5597

133.0821,
143.7491, 147.8331

44.0560, 48.1447,
48.2675

166.2786,
179.2701, 185.1183

30.9126, 33.9415,
33.6773

204.5818,
220.2078, 228.1982

20.6838, 22.8487,
22.3705

248.3570,
266.9467, 277.4912

13.0042, 14.4818,
13.9284

297.9696,
319.8711, 333.4159

7.5085, 8.4565,
7.9327

353.7850,

3.8312, 4.3884,

379.3654, 396.3909

3.9648

416.1685,
445.8140, 466.8346

■ 1.6071, 1.8931,
1.6060

■ 0.3970, 0.5442,
0.2951

■ 80.5478, 87.4198,
88.9723

■ 80.5478, 87.4198,
88.9723

■ 71.1666, 82.9578,
71.7435

■ 90.9335, 92.3738,
107.6450

■ 62.9494, 79.0404,
56.9572

■ 91.3423, 92.5846,
107.6641

■ 55.8525, 75.6501,
44.5046

■ 49.8266, 72.7640,
34.2664

■ 44.8185, 70.3575,
26.1129

■ 40.7705, 68.4040,
19.9005

■ 37.6189, 66.8742,
15.4680

■ 35.2918, 65.7349,
12.6279

■ 33.7049, 64.9479,
11.1506

Harmonies

Analogous

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



81.9797, 87.4198, 86.2972



80.5478, 87.4198, 88.9723



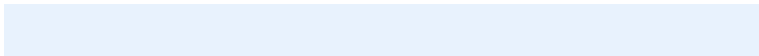
79.8007, 87.4198, 93.3728

Triad

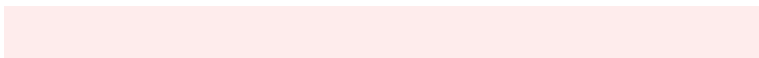
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5478, 87.4198, 88.9723



82.4546, 87.4198, 105.0551



86.3367, 87.4198, 92.0271

Complementary

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



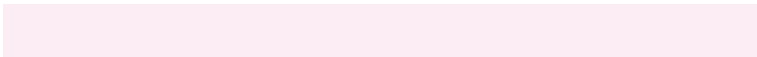
80.5478, 87.4198, 88.9723



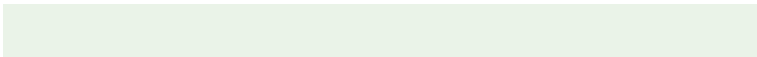
81.3132, 82.8874, 96.5117

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.



86.4682, 87.4198, 97.0211



80.5478, 87.4198, 88.9723



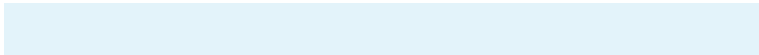
84.2101, 87.4198, 104.6637

Square

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



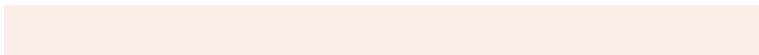
80.5478, 87.4198, 88.9723



80.8912, 87.4198, 102.7323



85.6849, 87.4198, 101.6810



85.3281, 87.4198, 88.0173

Rectangle

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



80.5478, 87.4198, 88.9723



79.7844, 87.4198, 96.7449



85.6849, 87.4198, 101.6810



86.4855, 87.4198, 93.6426

Sweetspot

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



80.5502, 87.4236, 88.9742



93.8786, 99.4432, 106.7163



82.9816, 87.7856, 88.9159



20.1062, 21.2908, 22.8647



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

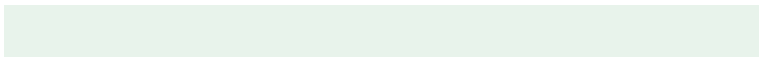
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5502, 87.4236, 88.9742



89.3300, 97.2806, 98.2702



80.3973, 87.2870, 91.5768



17.3610, 18.9964, 18.9882



18.2447, 35.5183, 5.8941



1.6796, 3.1609, 0.5216

Inverse Universe

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



81.3132, 82.8874, 96.5117



90.2692, 91.6963, 107.5492



81.4783, 83.0327, 93.7981



17.5691, 17.7590, 21.0444



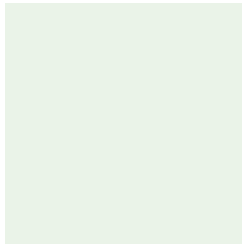
21.8874, 10.2577, 47.3644



1.9988, 0.9403, 4.1664

Previews

White Background



This preview shows how the XYZ color 80.5478, 87.4198, 88.9723 looks on a white background.

Color Contrast Check

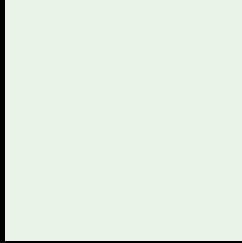
Large Text (above 18pt) WCAG AA × Fail

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 80.5478, 87.4198, 88.9723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

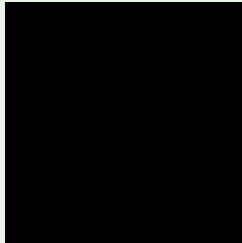
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

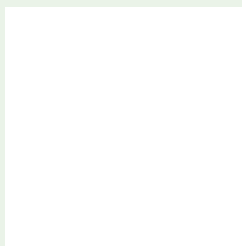
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.5478, 87.4198, 88.9723

Background



This preview shows how black text looks on a background with the XYZ color 80.5478, 87.4198, 88.9723.



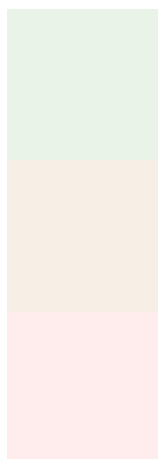
This preview shows how white text looks on a background with the XYZ color 80.5478, 87.4198,

88.9723.

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

80.5478, 87.4198, 88.9723

Protanopia

83.5072, 87.2203, 87.2968

Deuteranopia

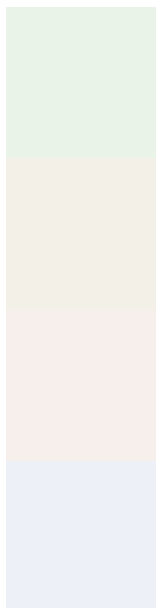
86.5215, 87.3653, 92.4238



Tritanopia

84.1764, 87.1301, 106.9890

Trichromacy



Original Color

80.5478, 87.4198, 88.9723

Protanomaly

82.2018, 86.9669, 88.0551

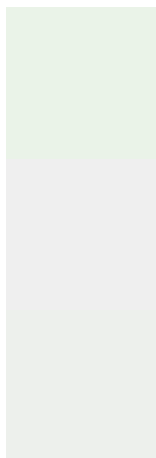
Deuteranomaly

84.2197, 87.5053, 91.0486

Tritanomaly

82.8736, 87.0401, 100.4282

Monochromacy



Original Color

80.5478, 87.4198, 88.9723

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.2255, 86.3808, 91.7490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5478, 87.4198, 88.9723 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(234, 243, 232) looks like.

```
.text, #text, p{  
    color:rgb(234, 243, 232)  
}
```

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(234, 243, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 243, 232) }
```

Border

The CSS property to change the border of an element to XYZ 80.5478, 87.4198, 88.9723 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(234, 243, 232) }
```


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

```
.border{ border-color:rgb(234, 243, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 243, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 243, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 243, 232); box-shadow:4px 4px 4px 4px rgb(234, 243, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5478, 87.4198, 88.9723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 243, 232) }
```

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

```
.background{ background-color: rgb(234,  
243, 232) }
```

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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