

Converting Colors

XYZ(80.6849, 81.5540, 89.9038)

Have a look what the booklet for
XYZ(80.6849, 81.5540, 89.9038)
contains.

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Color

**XYZ(80.6709, 81.4493,
90.0667)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E5EB
RGB	245, 229, 235
RGB Percent	96%, 90%, 92%
CMY	0.0392, 0.1019, 0.0784
CMYK	0.00, 0.07, 0.04, 0.04
HSL	338°, 44%, 93%
HSV	338°, 7%, 96%
XYZ	80.6709, 81.4493, 90.0667
YIQ	234.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

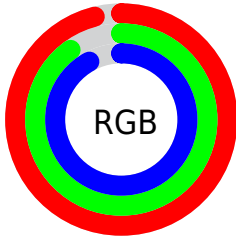
Format	Color
R _Y B	245, 229, 235
Decimal	16115179
CIE Lab	92.33, 6.46, -0.97
CIE LCh	92, 6.528, 351.496
Yxy	81.4493, 0.3199, 0.3230
Android (android.graphics.Color)	4294305259 (0xFF5E5EB)
YUV	234.4680, 0.2623, 9.2366
Hunter-Lab	90.2493, 1.6192, 4.0044

Details

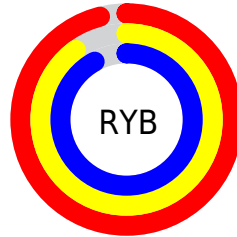
The XYZ color **80.6709, 81.4493, 90.0667** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.5486, 88.1969, 94.4441**, and the grayscale version is **78.5574, 82.6485, 90.0042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2590, 44.3456, 48.8747** is the 20% darker color. If you saturate the color by 10%, you get **72.2465, 67.9899, 76.8071**, and if you desaturate by 10%, it is **90.2472, 96.9053, 104.6523**.

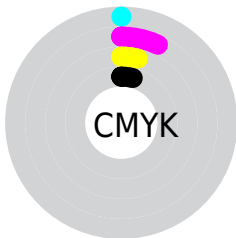
Distribution



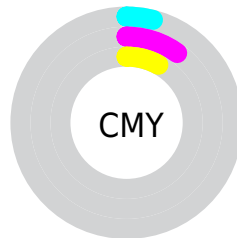
- Red (96%)
- Green (90%)
- Blue (92%)



- Red (96%)
- Yellow (90%)
- Blue (92%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.6709, 81.4493, 90.0667 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 80.6709, 81.4493, 90.0667 by changing the saturation by 10% instead.


 80.6709, 81.4493,
90.0667

 80.6709, 81.4493,
90.0667


485.8931,
499.8038, 548.8235

 60.5810, 60.9117,
67.4619


133.2541,
135.4015, 149.3674

 44.1383, 44.1539,
48.9962


166.4782,
169.5848, 186.9004

 30.9776, 30.7915,
34.2509

204.8109,
209.0856, 230.2465

 20.7336, 20.4402,
22.8075

248.6178,
254.2881, 279.8243

 13.0407, 12.7154,
14.2474

298.2640,
305.5768, 336.0524

 7.5338, 7.2329,
8.1523

354.1151,

 3.8474, 3.6082,

363.3360, 399.3493

4.1034

416.5364,
427.9502, 470.1335

■ 1.6162, 1.4569,
1.6822

■ 0.4029, 0.2581,
0.3485

■ 80.6709, 81.4493,
90.0667

■ 80.6709, 81.4493,
90.0667

■ 72.2465, 67.9899,
76.8071

■ 90.2472, 96.9053,
104.6523

■ 64.9224, 56.4348,
64.8298

■ 91.4667, 98.1527,
108.7323

■ 58.6532, 46.7004,
54.0962

■ 53.3878, 38.6924,
44.5636

■ 49.0705, 32.3083,
36.1867

■ 45.6400, 27.4343,
28.9169

■ 43.0270, 23.9420,
22.7015

■ 41.1514, 21.6810,
17.4823

■ 39.9137, 20.4632,
13.1925

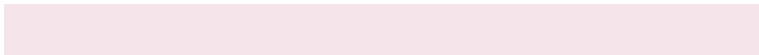
Harmonies

Analogous

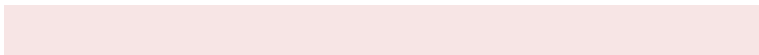
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9839, 81.4493, 94.6005



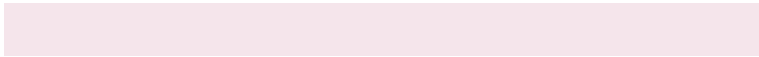
80.6709, 81.4493, 90.0667



80.4756, 81.4493, 85.3205

Triad

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



80.6709, 81.4493, 90.0667



76.2314, 81.4493, 80.3107



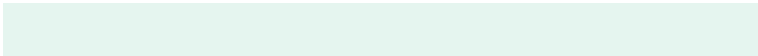
75.4112, 81.4493, 96.1622

Complementary

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



80.6709, 81.4493, 90.0667



80.5486, 88.1969, 94.4441

Split Complementary

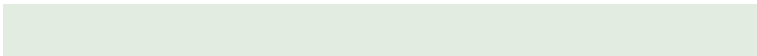
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4332, 81.4493, 92.1356



80.6709, 81.4493, 90.0667



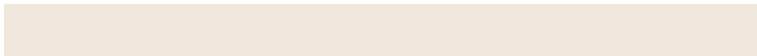
74.9019, 81.4493, 83.0203

Square

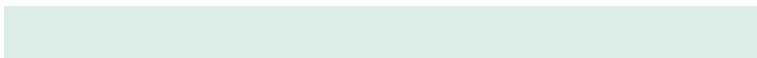
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



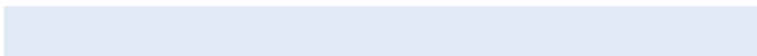
80.6709, 81.4493, 90.0667



77.8963, 81.4493, 79.8021



74.2481, 81.4493, 87.3164



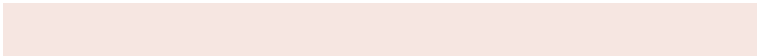
76.9359, 81.4493, 98.2026

Rectangle

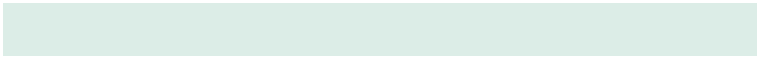
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.6709, 81.4493, 90.0667



79.8726, 81.4493, 82.6649



74.2481, 81.4493, 87.3164



75.0086, 81.4493, 94.9893

Sweetspot

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



80.6732, 81.4528, 90.0685



92.9354, 96.5854, 105.6837



80.0552, 80.9626, 97.7953



19.9142, 20.7090, 22.6545



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

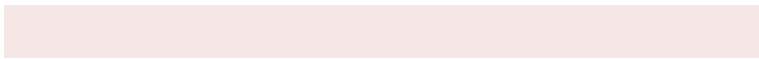
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6732, 81.4528, 90.0685



86.8980, 86.8735, 96.3870



80.3404, 82.1504, 85.7553



16.7560, 16.5853, 18.4619



21.3846, 10.8973, 6.7335



1.9276, 0.9770, 0.8452

Inverse Universe

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



80.6732, 81.4528, 90.0685



86.8980, 86.8735, 96.3870



80.8877, 87.4338, 99.0004



16.7560, 16.5853, 18.4619



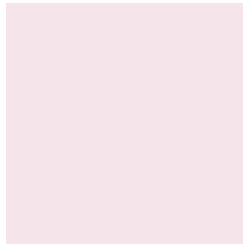
21.3846, 10.8973, 6.7335



1.9276, 0.9770, 0.8452

Previews

White Background



This preview shows how the XYZ color 80.6709, 81.4493, 90.0667 looks on a white background.

Color Contrast Check

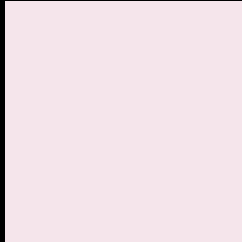
Large Text (above 18pt) WCAG AA × Fail

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 80.6709, 81.4493, 90.0667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

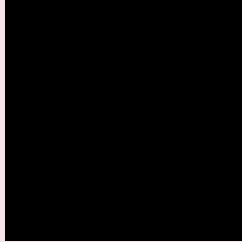
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.6709, 81.4493, 90.0667

Background



This preview shows how black text looks on a background with the XYZ color 80.6709, 81.4493, 90.0667.



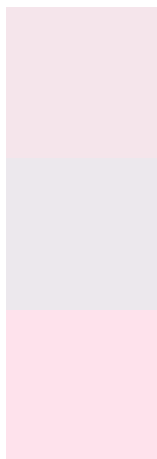
This preview shows how white text looks on a background with the XYZ color 80.6709, 81.4493,

90.0667.

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

80.6709, 81.4493, 90.0667

Protanopia

78.7347, 81.6605, 91.7331

Deuteranopia

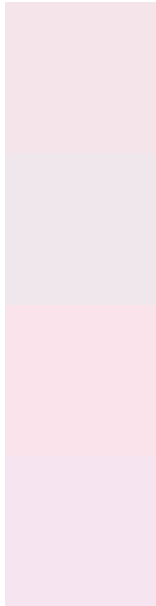
83.2097, 81.5197, 90.7061



Tritanopia

81.9566, 81.1236, 97.7250

Trichromacy



Original Color

80.6709, 81.4493, 90.0667

Protanomaly

79.3128, 81.5587, 90.9190

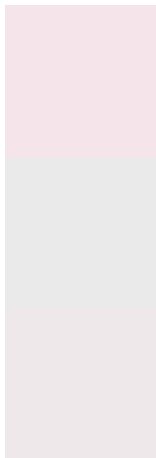
Deuteranomaly

82.3931, 81.5035, 90.7461

Tritanomaly

81.6266, 81.4305, 94.6346

Monochromacy



Original Color

80.6709, 81.4493, 90.0667

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9678, 81.8309, 89.4748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6709, 81.4493, 90.0667 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(245, 229, 235) looks like.

```
.text, #text, p{  
    color:rgb(245, 229, 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(245, 229, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 229, 235) }
```

Border

The CSS property to change the border of an element to XYZ 80.6709, 81.4493, 90.0667 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(245, 229, 235) }
```


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

```
.border{ border-color:rgb(245, 229, 235) }
```

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

Here you see how a box with a 4 pixel rgb(245, 229, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 229, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 229, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 229,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6709, 81.4493, 90.0667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 229, 235) }
```

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

```
.background{ background-color: rgb(245,  
229, 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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