

Converting Colors

XYZ(79.6693, 82.8804, 77.4441)

Have a look what the booklet for
XYZ(79.6693, 82.8804, 77.4441)
contains.

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Color

**XYZ(79.6693, 82.8804,
77.4441)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E9D9
RGB	246, 233, 217
RGB Percent	96%, 91%, 85%
CMY	0.0353, 0.0863, 0.1490
CMYK	0.00, 0.05, 0.12, 0.04
HSL	33°, 62%, 91%
HSV	33°, 12%, 96%
XYZ	79.6693, 82.8804, 77.4441
YIQ	235.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

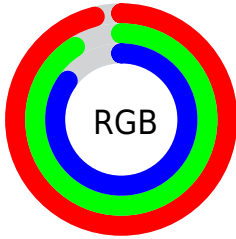
Format	Color
R_{YB}	241, 246, 217
Decimal	16181721
CIE Lab	92.96, 1.77, 9.34
CIE LCh	93, 9.504, 79.267
Yxy	82.8804, 0.3320, 0.3453
Android (android.graphics.Color)	4294371801 (0xFFFF6E9D9)
YUV	235.0630, -8.9051, 9.5917
Hunter-Lab	91.0387, -3.1097, 13.2907

Details

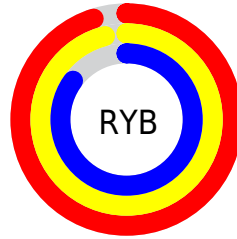
The XYZ color **79.6693, 82.8804, 77.4441** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.5463, 77.9976, 98.3682**, and the grayscale version is **79.0743, 83.1923, 90.5964**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4789, 45.0001, 40.5767** is the 20% darker color. If you saturate the color by 10%, you get **73.6819, 75.6498, 60.8212**, and if you desaturate by 10%, it is **86.3332, 90.6991, 96.6476**.

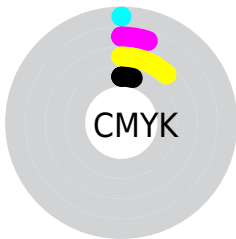
Distribution



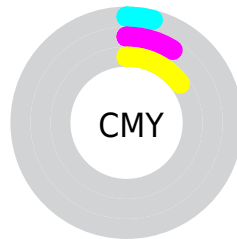
- Red (96%)
- Green (91%)
- Blue (85%)



- Red (95%)
- Yellow (96%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6693, 82.8804, 77.4441 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 79.6693, 82.8804, 77.4441 by changing the saturation by 10% instead.

79.6693, 82.8804,
77.4441

79.6693, 82.8804,
77.4441

482.5712,
504.5878, 505.7547

59.7538, 62.0915,
57.1037

131.8537,
137.4079, 131.5449

43.4689, 45.1066,
40.6786

164.8532,
171.9154, 166.1424

30.4493, 31.5414,
27.7502

202.9448,
211.7644, 206.3294

20.3296, 21.0115,
17.9001

246.4938,
257.3395, 252.5243

12.7445, 13.1324,
10.7096

295.8656,
309.0250, 305.1457

7.3287, 7.5198,
5.7602

351.4255,

3.7166, 3.7892,

367.2052, 364.6123

2.6334

413.5389,
432.2647, 431.3424

■ 1.5431, 1.5564,
0.9096

■ 0.3549, 0.3279,
0.0000

■ 79.6693, 82.8804,
77.4441

■ 79.6693, 82.8804,
77.4441

■ 73.6819, 75.6498,
60.8212

■ 86.3332, 90.6991,
96.6476

■ 68.3398, 68.9808,
46.6616

■ 91.8164, 98.3330,
108.7487

■ 63.6188, 62.8608,
34.8469

■ 59.4908, 57.2725,
25.2467

■ 55.9249, 52.1974,
17.7175

■ 52.8869, 47.6154,
12.0990

■ 50.3379, 43.5044,
8.2067

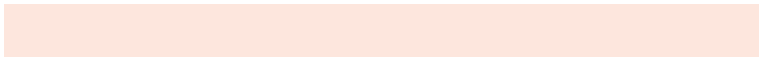
■ 48.2319, 39.8392,
5.8189

■ 46.7774, 37.1351,
4.7024

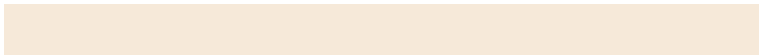
Harmonies

Analogous

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



81.9373, 82.8804, 80.2572



79.6693, 82.8804, 77.4441



77.2079, 82.8804, 77.9214

Triad

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



79.6693, 82.8804, 77.4441



74.3466, 82.8804, 94.8378



82.4550, 82.8804, 99.4780

Complementary

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



79.6693, 82.8804, 77.4441



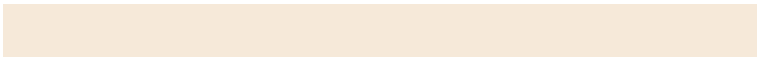
73.5463, 77.9976, 98.3682

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.



80.3639, 82.8804, 103.7988



79.6693, 82.8804, 77.4441



75.6958, 82.8804, 101.0238

Square

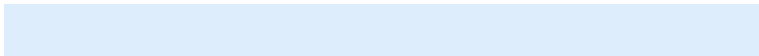
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6693, 82.8804, 77.4441



74.1696, 82.8804, 87.7160



77.8881, 82.8804, 104.3789



83.5679, 82.8804, 92.8174

Rectangle

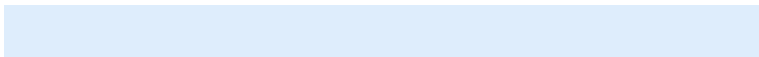
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6693, 82.8804, 77.4441



75.7871, 82.8804, 80.0491



77.8881, 82.8804, 104.3789



81.8411, 82.8804, 101.2668

Sweetspot

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



79.6716, 82.8841, 77.4459



92.0101, 96.4787, 99.9990



77.1098, 74.9356, 85.3006



19.5745, 20.5111, 21.0567



0.0000, 0.0000, 0.0000



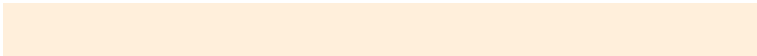
20.3446, 21.4041, 23.3091

Same Dimension

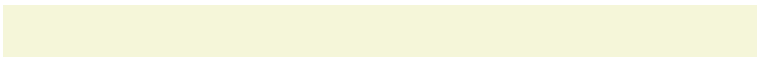
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6716, 82.8841, 77.4459



84.9329, 88.1247, 79.7584



82.9803, 90.2537, 78.6940



17.2574, 17.9989, 17.3621



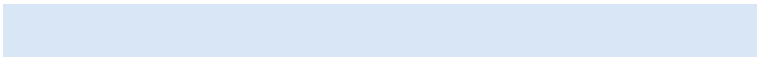
25.1100, 20.1055, 2.5573



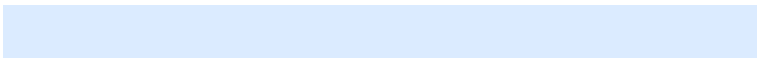
2.3094, 1.9721, 0.2589

Inverse Universe

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



73.5463, 77.9976, 98.3682



77.1474, 81.9139, 106.3526



70.4967, 71.2556, 97.2276



16.1926, 17.1494, 20.9993



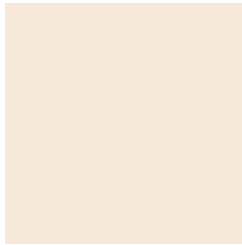
12.0041, 9.8019, 47.7973



1.1560, 1.0635, 4.2346

Previews

White Background



This preview shows how the XYZ color 79.6693, 82.8804, 77.4441 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 79.6693, 82.8804, 77.4441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

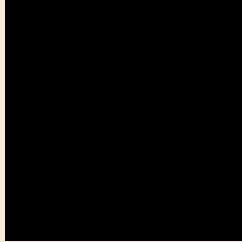
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6693, 82.8804, 77.4441

Background



This preview shows how black text looks on a background with the XYZ color 79.6693, 82.8804, 77.4441.

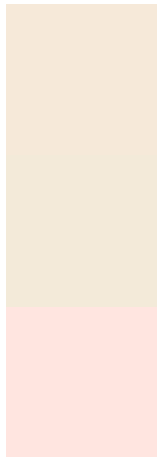


This preview shows how white text looks on a background with the XYZ color 79.6693, 82.8804,

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

79.6693, 82.8804, 77.4441

Protanopia

78.9094, 82.9101, 77.4899

Deuteranopia

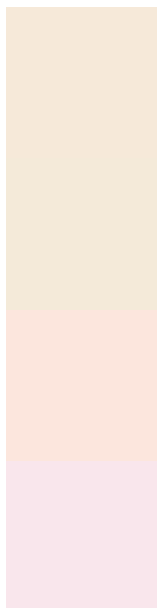
82.7139, 82.6804, 82.1204



Tritanopia

84.2322, 83.0780, 99.5918

Trichromacy



Original Color

79.6693, 82.8804, 77.4441

Protanomaly

79.2554, 83.0885, 77.5061

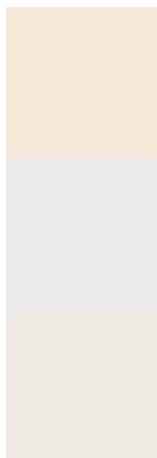
Deuteranomaly

81.4928, 82.5095, 80.0374

Tritanomaly

82.5041, 82.7895, 90.9884

Monochromacy



Original Color

79.6693, 82.8804, 77.4441

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0230, 82.7978, 85.2154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6693, 82.8804, 77.4441 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(246, 233, 217) looks like.

```
.text, #text, p{  
    color:rgb(246, 233, 217)  
}
```

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(246, 233, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 233, 217) }
```

Border

The CSS property to change the border of an element to XYZ 79.6693, 82.8804, 77.4441 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(246, 233, 217) }
```


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

```
.border{ border-color:rgb(246, 233, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 233, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 233, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 233, 217);  
box-shadow:4px 4px 4px 4px rgb(246, 233,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6693, 82.8804, 77.4441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 233, 217) }
```

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

```
.background{ background-color: rgb(246,  
233, 217) }
```

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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