

Converting Colors

XYZ(77.1936, 84.2587, 57.1054)

Have a look what the booklet for
XYZ(77.1936, 84.2587, 57.1054)
contains.

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Color

**XYZ(77.1278, 84.1608,
56.9793)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EEB7
RGB	246, 238, 183
RGB Percent	96%, 93%, 72%
CMY	0.0353, 0.0666, 0.2823
CMYK	0.00, 0.03, 0.26, 0.04
HSL	52°, 78%, 84%
HSV	52°, 26%, 96%
XYZ	77.1278, 84.1608, 56.9793
YIQ	234.1220, 22.4230, -15.4090

Conversions

Conversions Part 2

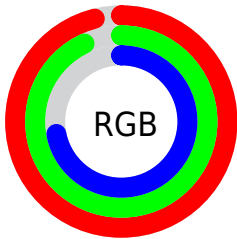
Format	Color
R _Y B	192, 246, 183
Decimal	16182967
CIE Lab	93.52, -5.70, 27.66
CIE LCh	94, 28.241, 101.652
Yxy	84.1608, 0.3534, 0.3856
Android (android.graphics.Color)	4294373047 (0xFFFF6EEB7)
YUV	234.1220, -25.2031, 10.4170
Hunter-Lab	91.7392, -10.4735, 27.3924

Details

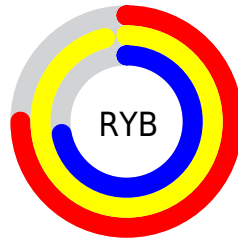
The XYZ color **77.1278, 84.1608, 56.9793** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.7935, 53.9813, 94.7206**, and the grayscale version is **78.4740, 82.5607, 89.9086**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **41.7435, 45.8864, 27.7759** is the 20% darker color. If you saturate the color by 10%, you get **73.8877, 81.4260, 44.3520**, and if you desaturate by 10%, it is **80.8356, 87.1137, 71.9723**.

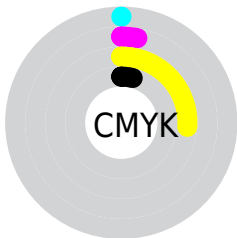
Distribution



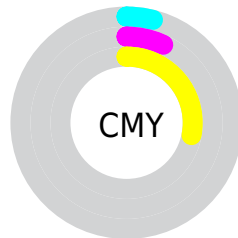
- Red (96%)
- Green (93%)
- Blue (72%)



- Red (75%)
- Yellow (96%)
- Blue (72%)



- Cyan (0%)
- Magenta (3%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1278, 84.1608, 56.9793 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 77.1278, 84.1608, 56.9793 by changing the saturation by 10% instead.

■ 77.1278, 84.1608,
56.9793

■ 77.1278, 84.1608,
56.9793

474.0849,
508.8471, 430.8633

■ 57.6581, 63.1482,
40.5794

■ 128.2918,
139.2001, 101.9350

■ 41.7760, 45.9611,
27.6733

160.7167,
173.9956, 131.3279

■ 29.1163, 32.2151,
17.8427

198.1907,
214.1541, 165.8888

■ 19.3135, 21.5259,
10.6688

241.0792,
260.0602, 206.0364

■ 12.0024, 13.5089,
5.7332

289.7475,
312.0981, 252.1890

■ 6.8175, 7.7799,
2.6174

344.5610,

■ 3.3936, 3.9545,

370.6523, 304.7654

0.9014

405.8850,
436.1072, 364.1840

■ 1.3651, 1.6481,
0.0000

■ 0.2312, 0.3897,
0.0000

■ 77.1278, 84.1608,
56.9793

■ 77.1278, 84.1608,
56.9793

■ 73.8877, 81.4260,
44.3520

■ 80.8356, 87.1137,
71.9723

■ 71.0854, 78.8885,
33.9623

■ 85.0262, 90.2822,
89.4394

■ 68.6976, 76.5418,
25.6784

■ 89.4305, 93.5616,
107.9534

■ 66.6960, 74.3744,
19.3521

■ 90.3951, 95.4907,
108.2750

■ 65.0490, 72.3735,
14.8163

■ 91.3757, 97.4519,
108.6018

■ 63.7193, 70.5242,
11.8757

■ 91.8162, 98.3329,
108.7487

■ 62.6610, 68.8078,
10.2893

■ 62.2517, 68.0840,
9.8605

Harmonies

Analogous

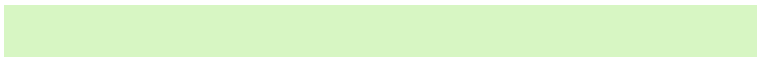
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5972, 84.1608, 57.8896



77.1278, 84.1608, 56.9793



70.8255, 84.1608, 64.2209

Triad

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



77.1278, 84.1608, 56.9793



69.7377, 84.1608, 121.7679



94.4070, 84.1608, 105.1984

Complementary

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



77.1278, 84.1608, 56.9793



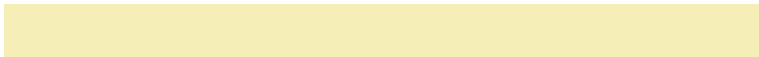
54.7935, 53.9813, 94.7206

Split Complementary

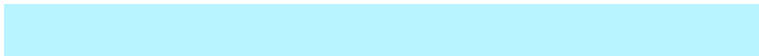
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.9178, 84.1608, 125.9188



77.1278, 84.1608, 56.9793



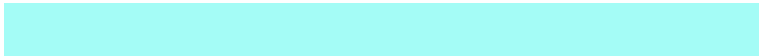
75.5577, 84.1608, 136.4634

Square

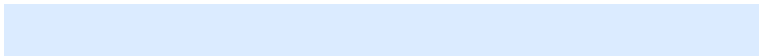
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1278, 84.1608, 56.9793



66.7397, 84.1608, 100.1938



82.9269, 84.1608, 138.0908



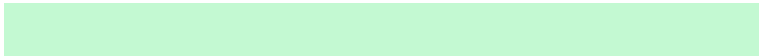
94.8926, 84.1608, 83.5814

Rectangle

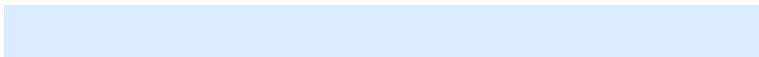
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1278, 84.1608, 56.9793



68.0113, 84.1608, 73.4677



82.9269, 84.1608, 138.0908



93.3037, 84.1608, 112.5787

Sweetspot

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



77.1300, 84.1646, 56.9811



91.1174, 97.1145, 92.2372



64.3883, 57.2400, 57.1772



19.3530, 20.6741, 19.1148



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

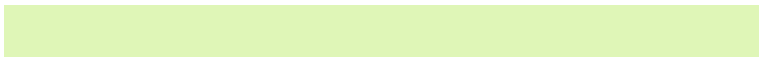
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1300, 84.1646, 56.9811



81.7146, 89.6787, 54.0513



71.9043, 85.0030, 57.4183



17.7248, 18.9337, 17.5179



33.2998, 36.4852, 5.2873



2.9759, 3.3050, 0.4811

Inverse Universe

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



54.7935, 53.9813, 94.7206



53.4981, 51.5541, 101.7390



59.0503, 53.6580, 94.4338



15.7506, 16.2655, 20.8520



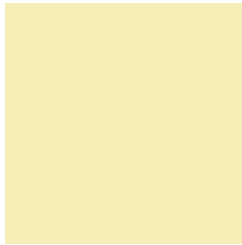
9.1978, 4.1893, 46.8619



0.8611, 0.4737, 4.1363

Previews

White Background



This preview shows how the XYZ color 77.1278, 84.1608, 56.9793 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 77.1278, 84.1608, 56.9793 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 77.1278, 84.1608, 56.9793

Background



This preview shows how black text looks on a background with the XYZ color 77.1278, 84.1608, 56.9793.



This preview shows how white text looks on a background with the XYZ color 77.1278, 84.1608,

56.9793.

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

77.1278, 84.1608, 56.9793

Protanopia

78.5838, 84.0638, 56.3401

Deuteranopia

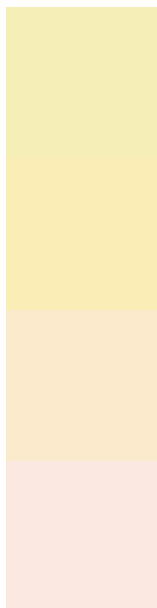
82.4913, 83.9311, 76.8183



Tritanopia

85.6809, 83.8249, 99.6596

Trichromacy



Original Color

77.1278, 84.1608, 56.9793

Protanomaly

78.1520, 84.2698, 56.4026

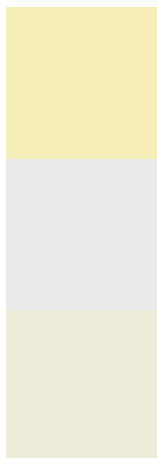
Deuteranomaly

80.4668, 83.9007, 69.0801

Tritanomaly

82.0948, 83.6043, 82.3314

Monochromacy



Original Color

77.1278, 84.1608, 56.9793

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2340, 82.5001, 76.1434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1278, 84.1608, 56.9793 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, 238, 183)` looks like.

```
.text, #text, p{  
    color:rgb(246, 238, 183)  
}
```

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, 238, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 238, 183) }
```

Border

The CSS property to change the border of an element to XYZ 77.1278, 84.1608, 56.9793 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, 238, 183) }
```


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

```
.border{ border-color:rgb(246, 238, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 238, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 238, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 238, 183);  
box-shadow:4px 4px 4px 4px rgb(246, 238,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1278, 84.1608, 56.9793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 238, 183) }
```

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

```
.background{ background-color: rgb(246,  
238, 183) }
```

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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