

Converting Colors

XYZ(78.1149, 82.9600, 56.6955)

Have a look what the booklet for
XYZ(78.1149, 82.9600, 56.6955)
contains.

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Color

**XYZ(78.1149, 82.9600,
56.6955)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEAB7
RGB	252, 234, 183
RGB Percent	99%, 92%, 72%
CMY	0.0118, 0.0823, 0.2823
CMYK	0.00, 0.07, 0.27, 0.01
HSL	44°, 92%, 85%
HSV	44°, 27%, 99%
XYZ	78.1149, 82.9600, 56.6955
YIQ	233.5680, 27.0990, -12.0450

Conversions

Conversions Part 2

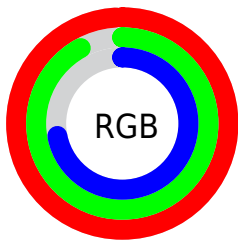
Format	Color
RYB	207, 252, 183
Decimal	16575159
CIELab	93.00, -1.47, 27.02
CIELCh	93, 27.064, 93.106
Yxy	82.9600, 0.3587, 0.3810
Android (android.graphics.Color)	4294765239 (0xFFFCEAB7)
YUV	233.5680, -24.9300, 16.1649
Hunter-Lab	91.0824, -6.3074, 26.8518

Details

The XYZ color **78.1149, 82.9600, 56.6955** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.9853, 58.8671, 100.4019**, and the grayscale version is **78.0500, 82.1147, 89.4229**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **42.4553, 45.0546, 27.5779** is the 20% darker color. If you saturate the color by 10%, you get **73.8876, 78.3335, 43.4840**, and if you desaturate by 10%, it is **82.8856, 87.9207, 72.4068**.

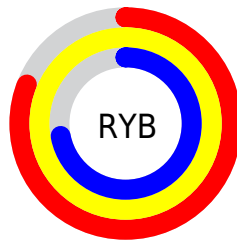
Distribution



Red (99%)

Green (92%)

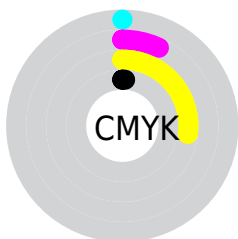
Blue (72%)



Red (81%)

Yellow (99%)

Blue (72%)

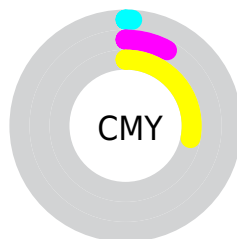


Cyan (0%)

Magenta (7%)

Yellow (27%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1149, 82.9600, 56.6955 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 78.1149, 82.9600, 56.6955 by changing the saturation by 10% instead.


 78.1149, 82.9600,
56.6955

 78.1149, 82.9600,
56.6955


477.3908,
504.8532, 429.7691

 58.4715, 62.1572,
40.3531


 129.6766,
137.5194, 101.5167

 42.4325, 45.1597,
27.4981


162.3256,
172.0448, 130.8325

 29.6327, 31.5832,
17.7119


200.0405,
211.9132, 165.3099

 19.7067, 21.0434,
10.5761

243.1866,
257.5089, 205.3674

 12.2890, 13.1557,
5.6720

292.1293,
309.2163, 251.4235

 7.0144, 7.5359,
2.5811

347.2341,

 3.5175, 3.7994,

367.4199, 303.8968

0.8827

408.8661,
432.5041, 363.2058

■ 1.4330, 1.5620,
0.0000

■ 0.2795, 0.3318,
0.0000

■ 78.1149, 82.9600,
56.6955

■ 78.1149, 82.9600,
56.6955

■ 73.8876, 78.3335,
43.4840

■ 82.8856, 87.9207,
72.4068

■ 70.1714, 74.0185,
32.6350

■ 88.2171, 93.2150,
90.7350

■ 66.9403, 70.0061,
24.0054

■ 93.5485, 98.6227,
108.7133

■ 64.1631, 66.2827,
17.4351

■ 93.9549, 99.4355,
108.8488

■ 61.8045, 62.8330,
12.7417

■ 59.8231, 59.6390,
9.7109

■ 58.1652, 56.6780,
8.0639

■ 57.7634, 55.9323,
7.7516

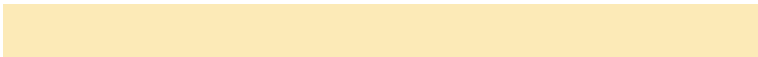
Harmonies

Analogous

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



85.1770, 82.9600, 59.8028



78.1149, 82.9600, 56.6955



71.6398, 82.9600, 61.4235

Triad

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



78.1149, 82.9600, 56.6955



67.9782, 82.9600, 113.3660



91.6392, 82.9600, 109.1575

Complementary

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



78.1149, 82.9600, 56.6955



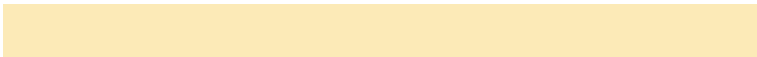
57.9853, 58.8671, 100.4019

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.



86.5305, 82.9600, 127.1225



78.1149, 82.9600, 56.6955



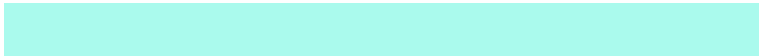
72.8462, 82.9600, 129.7968

Square

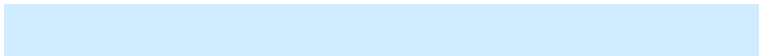
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1149, 82.9600, 56.6955



66.0118, 82.9600, 92.4606



79.5917, 82.9600, 135.1710



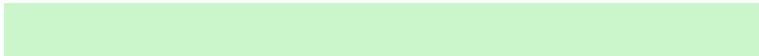
93.2556, 82.9600, 88.2311

Rectangle

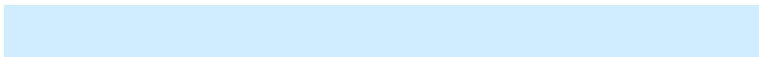
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1149, 82.9600, 56.6955



68.4472, 82.9600, 68.8676



79.5917, 82.9600, 135.1710



90.2589, 82.9600, 115.8422

Sweetspot

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



78.1170, 82.9638, 56.6972



90.2639, 95.4076, 91.9527



67.6688, 58.7992, 63.2892



19.1368, 20.2418, 19.0428



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

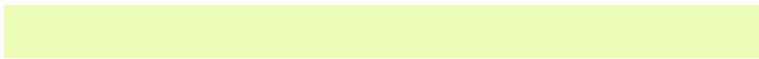
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1170, 82.9638, 56.6972



77.7309, 82.5035, 50.2811



77.9170, 90.8557, 58.2311



18.3219, 19.3796, 18.2374



30.2156, 29.3879, 4.0799



2.8844, 2.8936, 0.4065

Inverse Universe

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



57.9853, 58.8671, 100.4019



53.8366, 53.9105, 102.1760



58.0848, 53.0521, 99.2743



16.6510, 17.3789, 21.8622



10.2599, 5.8754, 48.5669



1.0324, 0.7085, 4.5255

Previews

White Background



This preview shows how the XYZ color 78.1149, 82.9600, 56.6955 looks on a white background.

Color Contrast Check

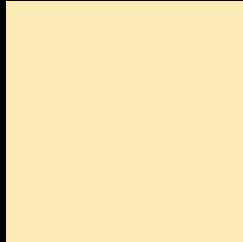
Large Text (above 18pt) WCAG AA × Fail

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 78.1149, 82.9600, 56.6955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

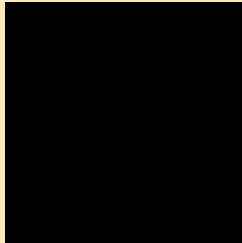
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1149, 82.9600, 56.6955

Background



This preview shows how black text looks on a background with the XYZ color 78.1149, 82.9600, 56.6955.



This preview shows how white text looks on a background with the XYZ color 78.1149, 82.9600,

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

78.1149, 82.9600, 56.6955

Protanopia

77.6799, 83.1596, 56.7570

Deuteranopia

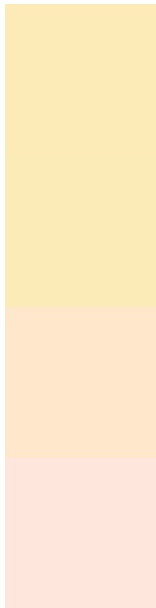
81.5471, 82.6577, 74.6073



Tritanopia

85.0104, 83.1576, 95.5749

Trichromacy



Original Color

78.1149, 82.9600, 56.6955

Protanomaly

78.0392, 83.3448, 56.7738

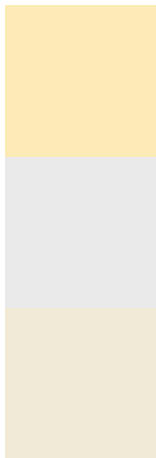
Deuteranomaly

80.1096, 82.4869, 67.5765

Tritanomaly

82.2210, 82.8849, 80.0715

Monochromacy



Original Color

78.1149, 82.9600, 56.6955

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.9642, 82.4527, 76.0958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1149, 82.9600, 56.6955 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(252, 234, 183)` looks like.

```
.text, #text, p{  
    color:rgb(252, 234, 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(252, 234, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 183) }
```

Border

The CSS property to change the border of an element to XYZ 78.1149, 82.9600, 56.6955 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(252, 234, 183) }
```


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

```
.border{ border-color:rgb(252, 234, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 234, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 183);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1149, 82.9600, 56.6955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 183) }
```

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

```
.background{ background-color: rgb(252,  
234, 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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