

Converting Colors

XYZ(55.8344, 56.7442, 26.1008)

Have a look what the booklet for
XYZ(55.8344, 56.7442, 26.1008)
contains.

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Color

**XYZ(55.7999, 56.6762,
26.0878)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C179
RGB	232, 193, 121
RGB Percent	91%, 76%, 47%
CMY	0.0902, 0.2431, 0.5255
CMYK	0.00, 0.17, 0.48, 0.09
HSL	39°, 71%, 69%
HSV	39°, 48%, 91%
XYZ	55.7999, 56.6762, 26.0878
YIQ	196.4530, 46.3560, -14.1240

Conversions

Conversions Part 2

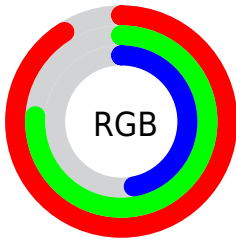
Format	Color
RYB	181, 232, 121
Decimal	15253881
CIELab	80.00, 4.89, 41.29
CIElCh	80, 41.581, 83.252
Yxy	56.6762, 0.4027, 0.4090
Android (android.graphics.Color)	4293443961 (0xFFE8C179)
YUV	196.4530, -37.1983, 31.1747
Hunter-Lab	75.2836, 0.5572, 32.1529

Details

The XYZ color **55.7999, 56.6762, 26.0878** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.0211, 35.0315, 81.2598**, and the grayscale version is **52.9398, 55.6968, 60.6538**.

A 20% lighter version of the original color is **82.7557, 92.0674, 53.4535**, and **27.9710, 28.2098, 9.9320** is the 20% darker color. If you saturate the color by 10%, you get **52.7927, 52.6715, 18.8905**, and if you desaturate by 10%, it is **59.2513, 61.0218, 35.1221**.

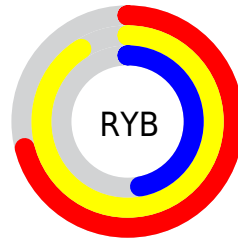
Distribution



Red (91%)

Green (76%)

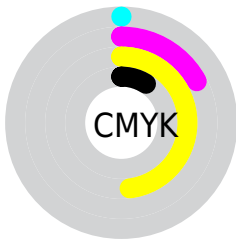
Blue (47%)



Red (71%)

Yellow (91%)

Blue (47%)

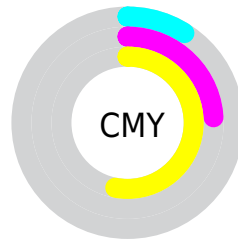


Cyan (0%)

Magenta (17%)

Yellow (48%)

Black (9%)



Cyan (9%)

Magenta (24%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7999, 56.6762, 26.0878 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 55.7999, 56.6762, 26.0878 by changing the saturation by 10% instead.

■ 55.7999, 56.6762,
26.0878

■ 55.7999, 56.6762,
26.0878

399.0242,
412.2349, 296.8320

■ 40.2789, 40.7453,
16.6630

■ 97.8535, 99.9926,
54.4024

■ 27.9412, 28.1201,
9.8351

■ 125.1167,
128.1469, 74.1292

■ 18.4216, 18.4162,
5.1856

■ 157.0248,
161.1444, 98.1271

■ 11.3546, 11.2492,
2.2959

193.9429,
199.3696, 126.8147

■ 6.3749, 6.2347,
0.7289

236.2366,
243.2069, 160.6104

■ 3.1172, 2.9883,
0.0000

284.2712,

■ 1.2160, 1.1256,

293.0406, 199.9328

0.0000

338.4119,
349.2551, 245.2005

■ 0.1190, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7999, 56.6762,
26.0878

■ 55.7999, 56.6762,
26.0878

■ 52.7927, 52.6715,
18.8905

■ 59.2513, 61.0218,
35.1221

■ 50.1991, 48.9864,
13.3950


■ 63.1667, 65.7122,
46.1089

■ 47.9905, 45.6091,
9.4527


■ 67.5696, 70.7614,
59.1580


■ 46.1318, 42.5229,
6.8877

■ 72.4806, 76.1799,
74.3700


 44.5757, 39.7060,
5.4583

 77.9188, 81.9778,
91.8389

 44.2646, 39.1276,
5.2194

 83.0533, 87.8249,
107.1823

 85.5322, 92.7828,
108.0086

 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



64.1812, 56.6762, 31.4420



55.7999, 56.6762, 26.0878



47.7089, 56.6762, 28.0830

Triad

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



55.7999, 56.6762, 26.0878



40.2833, 56.6762, 81.9530



67.9576, 56.6762, 93.9297

Complementary

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



55.7999, 56.6762, 26.0878



35.0211, 35.0315, 81.2598

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.



60.5379, 56.6762, 115.0656



55.7999, 56.6762, 26.0878



44.7252, 56.6762, 106.9834

Square

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



55.7999, 56.6762, 26.0878



39.2974, 56.6762, 56.4054



51.9832, 56.6762, 120.3801



71.6595, 56.6762, 67.3388

Rectangle

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



55.7999, 56.6762, 26.0878



43.4899, 56.6762, 33.6557



51.9832, 56.6762, 120.3801



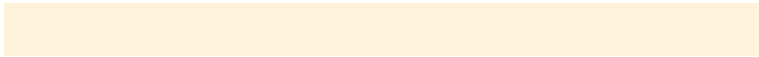
65.7806, 56.6762, 102.1628

Sweetspot

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



55.8013, 56.6789, 26.0889



85.9545, 90.1678, 80.0989



46.6114, 33.4291, 38.0392



18.1222, 18.9929, 16.2989



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.



55.8013, 56.6789, 26.0889



65.6136, 65.5344, 23.8433



60.9827, 73.8761, 29.1352



15.1532, 15.9203, 15.1787



24.6965, 21.9672, 2.9384



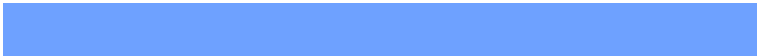
1.9114, 1.7962, 0.2460

Inverse Universe

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



35.0211, 35.0315, 81.2598



37.1315, 35.9018, 99.5804



31.5243, 24.7191, 79.4536



13.9949, 14.7113, 18.2463



9.8476, 6.7572, 43.1684



0.8125, 0.6689, 3.2183

Previews

White Background



This preview shows how the XYZ color 55.7999, 56.6762, 26.0878 looks on a white background.

Color Contrast Check

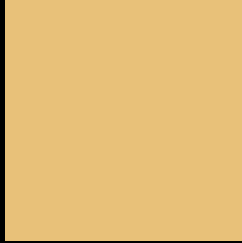
Large Text (above 18pt) WCAG AA × Fail

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 55.7999, 56.6762, 26.0878 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 55.7999, 56.6762, 26.0878

Background



This preview shows how black text looks on a background with the XYZ color 55.7999, 56.6762, 26.0878.



This preview shows how white text looks on a background with the XYZ color 55.7999, 56.6762,

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

55.7999, 56.6762, 26.0878

Protanopia

52.6138, 57.0286, 26.9735

Deuteranopia

57.8615, 56.7573, 26.3180



Tritanopia

62.9301, 56.7089, 61.0552

Trichromacy



Original Color

55.7999, 56.6762, 26.0878

Protanomaly

53.6033, 56.8672, 26.5636

Deuteranomaly

57.0687, 56.6713, 26.3432

Tritanomaly

59.6181, 56.2758, 45.7503

Monochromacy



Original Color

55.7999, 56.6762, 26.0878

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.9710, 55.4501, 45.4472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7999, 56.6762, 26.0878 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(232, 193, 121)` looks like.

```
.text, #text, p{  
    color:rgb(232, 193, 121)  
}
```

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(232, 193, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 193, 121) }
```

Border

The CSS property to change the border of an element to XYZ 55.7999, 56.6762, 26.0878 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(232, 193, 121) }
```


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

```
.border{ border-color:rgb(232, 193, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 193, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 193, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 193, 121);  
box-shadow:4px 4px 4px 4px rgb(232, 193,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7999, 56.6762, 26.0878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 193, 121) }
```

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

```
.background{ background-color: rgb(232,  
193, 121) }
```

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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