

Converting Colors

XYZ(56.6063, 51.6787, 48.7247)

Have a look what the booklet for
XYZ(56.6063, 51.6787, 48.7247)
contains.

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Color

**XYZ(56.6129, 51.6075,
48.5724)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B1B1
RGB	231, 177, 177
RGB Percent	91%, 69%, 69%
CMY	0.0941, 0.3059, 0.3059
CMYK	0.00, 0.23, 0.23, 0.09
HSL	0°, 53%, 80%
HSV	0°, 23%, 91%
XYZ	56.6129, 51.6075, 48.5724
YIQ	193.1460, 32.1840, 11.4480

Conversions

Conversions Part 2

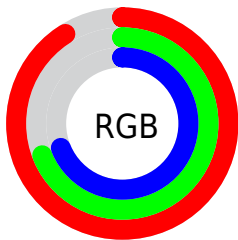
Format	Color
R _Y B	231, 177, 177
Decimal	15184305
CIE Lab	77.05, 19.63, 7.61
CIE LCh	77, 21.054, 21.178
Yxy	51.6075, 0.3611, 0.3291
Android (android.graphics.Color)	4293374385 (0xFFE7B1B1)
YUV	193.1460, -7.9600, 33.1980
Hunter-Lab	71.8384, 14.9515, 10.1988

Details

The XYZ color **56.6129, 51.6075, 48.5724** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.1304, 72.2663, 86.3284**, and the grayscale version is **50.8076, 53.4536, 58.2110**.

A 20% lighter version of the original color is **85.0869, 85.4210, 89.0941**, and **28.3013, 24.8692, 22.3774** is the 20% darker color. If you saturate the color by 10%, you get **50.3200, 42.3995, 36.0605**, and if you desaturate by 10%, it is **64.0706, 62.5205, 63.3965**.

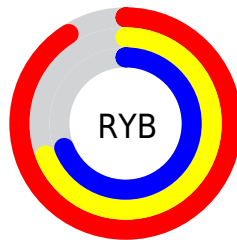
Distribution



Red (91%)

Green (69%)

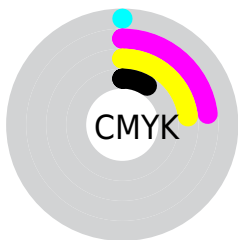
Blue (69%)



Red (91%)

Yellow (69%)

Blue (69%)

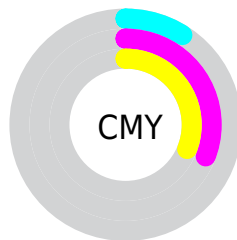


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6129, 51.6075, 48.5724 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 56.6129, 51.6075, 48.5724 by changing the saturation by 10% instead.

■ 56.6129, 51.6075,
48.5724

■ 56.6129, 51.6075,
48.5724

402.0349,
392.9195, 397.6305

■ 40.9335, 36.6923,
33.9172

■ 99.0348, 92.5521,
89.4304

■ 28.4545, 24.9694,
22.5531

126.5079,
119.3504, 116.4704

■ 18.8108, 16.0542,
14.0617

158.6430,
150.8784, 148.4756

■ 11.6368, 9.5625,
8.0244

195.8053,
187.5206, 185.8647

■ 6.5673, 5.1099,
4.0225

238.3604,
229.6615, 229.0562

■ 3.2369, 2.3119,
1.6377

286.6734,

■ 1.2803, 0.7800,

277.6853, 278.4686

0.3175

341.1098,
331.9765, 334.5205

■ 0.1684, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6129, 51.6075,
48.5724

■ 56.6129, 51.6075,
48.5724

■ 50.3200, 42.3995,
36.0605

■ 64.0706, 62.5205,
63.3965

■ 45.1291, 34.8037,
25.7414

■ 72.7432, 75.2109,
80.6376

■ 40.9781, 28.7296,
17.4897

■ 82.6831, 89.7556,
100.3982

■ 37.7971, 24.0748,
11.1663

■ 86.7651, 95.7290,
108.5123

■ 35.5073, 20.7241,
6.6147

■ 34.0180, 18.5445,
3.6543

■ 33.2188, 17.3750,
2.0662

■ 32.9553, 16.9894,
1.5423

Harmonies

Analogous

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



57.0877, 51.6075, 59.6537



56.6129, 51.6075, 48.5724



54.0553, 51.6075, 40.6578

Triad

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



56.6129, 51.6075, 48.5724



43.2758, 51.6075, 43.4322



47.8761, 51.6075, 81.0112

Complementary

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



56.6129, 51.6075, 48.5724



61.1304, 72.2663, 86.3284

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.



44.3662, 51.6075, 75.2504



56.6129, 51.6075, 48.5724



41.8070, 51.6075, 52.8665

Square

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



56.6129, 51.6075, 48.5724



46.3133, 51.6075, 37.9840



42.1950, 51.6075, 64.5690



51.8953, 51.6075, 79.4486

Rectangle

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



56.6129, 51.6075, 48.5724



51.5861, 51.6075, 37.7449



42.1950, 51.6075, 64.5690



46.6010, 51.6075, 79.8411

Sweetspot

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



56.6143, 51.6099, 48.5735



86.8761, 88.0393, 92.6501



63.1013, 54.2033, 82.7380



18.4520, 18.6347, 19.5466



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.



56.6143, 51.6099, 48.5735



66.9086, 58.8214, 52.9551



62.4841, 63.3495, 50.5301



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



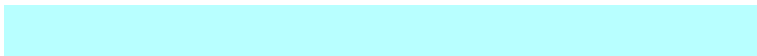
1.3653, 0.7039, 0.0639

Inverse Universe

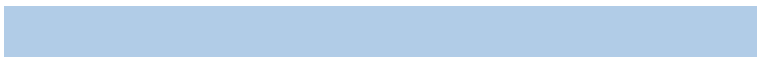
The Inverse Universe completely reimagines the original color for something new.



61.1304, 72.2663, 86.3284



73.4796, 88.8773, 107.8900



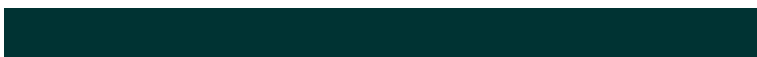
54.1487, 58.3029, 84.0012



14.8074, 16.3362, 18.5171



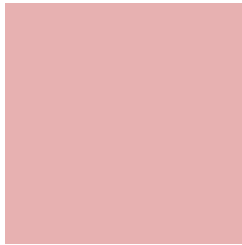
24.1034, 35.2688, 47.9204



1.7812, 2.6063, 3.5412

Previews

White Background



This preview shows how the XYZ color 56.6129, 51.6075, 48.5724 looks on a white background.

Color Contrast Check

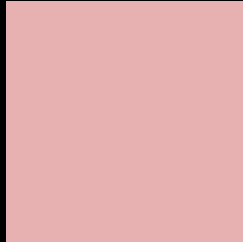
Large Text (above 18pt) WCAG AA × Fail

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 56.6129, 51.6075, 48.5724 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 56.6129, 51.6075, 48.5724

Background



This preview shows how black text looks on a background with the XYZ color 56.6129, 51.6075, 48.5724.



This preview shows how white text looks on a background with the XYZ color 56.6129, 51.6075,

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

56.6129, 51.6075, 48.5724

Protanopia

49.5709, 51.8897, 52.7505

Deuteranopia

52.7085, 51.7117, 48.2776



Tritanopia

57.7940, 51.4899, 55.0366

Trichromacy



Original Color

56.6129, 51.6075, 48.5724

Protanomaly

51.7019, 51.4440, 50.9208

Deuteranomaly

53.8755, 51.3980, 48.1555

Tritanomaly

57.5610, 51.7093, 52.8460

Monochromacy



Original Color

56.6129, 51.6075, 48.5724

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.4721, 52.3939, 54.3612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6129, 51.6075, 48.5724 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(231, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 177)  
}
```

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(231, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 177) }
```

Border

The CSS property to change the border of an element to XYZ 56.6129, 51.6075, 48.5724 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(231, 177, 177) }
```


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

```
.border{ border-color:rgb(231, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6129, 51.6075, 48.5724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 177) }
```

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

```
.background{ background-color: rgb(231,  
177, 177) }
```

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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