

Converting Colors

XYZ(65.2053, 62.8717, 56.8429)

Have a look what the booklet for
XYZ(65.2053, 62.8717, 56.8429)
contains.

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Color

**XYZ(65.2053, 62.8717,
56.8429)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC7BD
RGB	239, 199, 189
RGB Percent	94%, 78%, 74%
CMY	0.0627, 0.2196, 0.2588
CMYK	0.00, 0.17, 0.21, 0.06
HSL	12°, 61%, 84%
HSV	12°, 21%, 94%
XYZ	65.2053, 62.8717, 56.8429
YIQ	209.8200, 27.0500, 5.3700

Conversions

Conversions Part 2

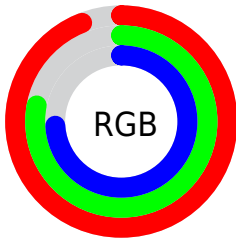
Format	Color
R _Y B	239, 202, 189
Decimal	15714237
CIE Lab	83.37, 12.64, 10.30
CIE LCh	83, 16.302, 39.164
Yxy	62.8717, 0.3526, 0.3400
Android (android.graphics.Color)	4293904317 (0xFFEFC7BD)
YUV	209.8200, -10.2643, 25.5909
Hunter-Lab	79.2917, 8.0286, 13.0001

Details

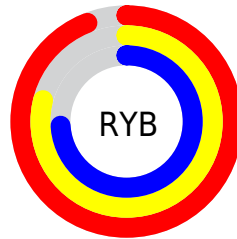
The XYZ color **65.2053, 62.8717, 56.8429** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5849, 73.0874, 92.3650**, and the grayscale version is **61.1947, 64.3816, 70.1115**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **33.8607, 31.9735, 27.6794** is the 20% darker color. If you saturate the color by 10%, you get **58.6962, 53.6685, 42.9112**, and if you desaturate by 10%, it is **72.6980, 73.3569, 73.2130**.

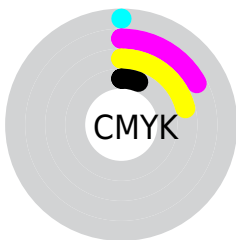
Distribution



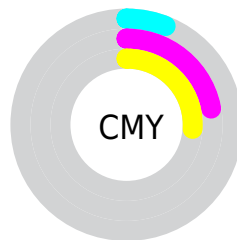
- Red (94%)
- Green (78%)
- Blue (74%)



- Red (94%)
- Yellow (79%)
- Blue (74%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (6%)





- Cyan (6%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2053, 62.8717, 56.8429 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 65.2053, 62.8717, 56.8429 by changing the saturation by 10% instead.


 65.2053, 62.8717,
56.8429

 65.2053, 62.8717,
56.8429

433.0629,
435.1037, 430.3376

 47.8929, 45.7374,
40.4706


 111.4090,
108.9844, 101.7340

 33.9530, 32.0387,
27.5891

141.0311,
138.7316, 131.0898

 23.0202, 21.3910,
17.7798


175.4870,
173.4519, 165.6106

 14.7292, 13.4101,
10.6242

215.1422,
213.5297, 205.7149

 8.7146, 7.7116,
5.7038

260.3621,
259.3494, 251.8212

 4.6111, 3.9109,
2.5999

311.5119,

 2.0533, 1.6239,

311.2954, 304.3481

0.8924

368.9571,
369.7520, 363.7140

■ 0.6637, 0.3736,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2053, 62.8717,
56.8429

■ 65.2053, 62.8717,
56.8429

■ 58.6962, 53.6685,
42.9112

■ 72.6980, 73.3569,
73.2130

■ 53.1242, 45.6894,
31.2970

■ 81.2080, 85.1620,
92.1267

■ 48.4468, 38.8850,
21.8748

■ 89.4067, 97.0908,
108.6359

■ 44.6157, 33.1990,
14.5059

■ 41.5784, 28.5703,
9.0354

■ 39.2756, 24.9321,
5.2861

■ 37.6394, 22.2090,
3.0470

■ 36.6464, 20.4502,
2.0158

Harmonies

Analogous

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



66.7496, 62.8717, 65.3915



65.2053, 62.8717, 56.8429



62.2175, 62.8717, 51.7702

Triad

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



65.2053, 62.8717, 56.8429



53.6052, 62.8717, 61.7389



60.8509, 62.8717, 89.6159

Complementary

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



65.2053, 62.8717, 56.8429



64.5849, 73.0874, 92.3650

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.



57.3635, 62.8717, 88.3908



65.2053, 62.8717, 56.8429



53.2718, 62.8717, 71.6160

Square

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



65.2053, 62.8717, 56.8429



55.5515, 62.8717, 54.3966



54.6222, 62.8717, 81.5533



64.1710, 62.8717, 84.7519

Rectangle

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



65.2053, 62.8717, 56.8429



59.8573, 62.8717, 50.7185



54.6222, 62.8717, 81.5533



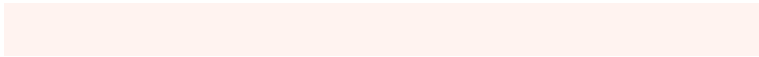
59.6582, 62.8717, 89.9122

Sweetspot

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



65.2070, 62.8746, 56.8442



88.9029, 91.4919, 95.1786



67.9376, 60.4038, 82.2076



18.8913, 19.3921, 20.0666



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

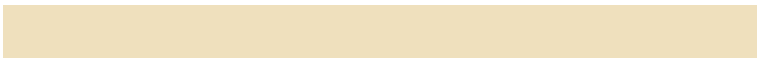
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2070, 62.8746, 56.8442



72.2658, 68.2211, 58.7938



71.4381, 75.3367, 58.9212



16.0289, 16.2709, 16.4455



20.3249, 11.4478, 1.1384



1.7588, 1.0882, 0.1173

Inverse Universe

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



64.5849, 73.0874, 92.3650



71.4236, 81.9785, 106.6667



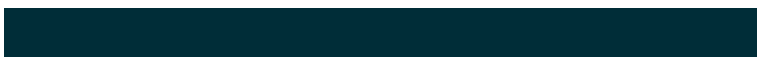
58.1598, 60.2373, 90.2233



15.9631, 17.3603, 20.2311



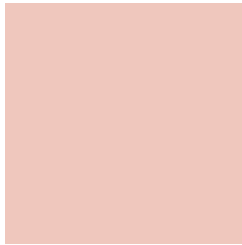
19.0223, 24.2688, 48.8096



1.6499, 2.1537, 4.0830

Previews

White Background



This preview shows how the XYZ color 65.2053, 62.8717, 56.8429 looks on a white background.

Color Contrast Check

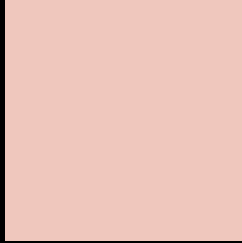
Large Text (above 18pt) WCAG AA × Fail

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 65.2053, 62.8717, 56.8429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

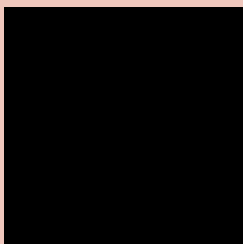
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2053, 62.8717, 56.8429

Background



This preview shows how black text looks on a background with the XYZ color 65.2053, 62.8717, 56.8429.



This preview shows how white text looks on a background with the XYZ color 65.2053, 62.8717,

56.8429.

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

65.2053, 62.8717, 56.8429

Protanopia

59.9628, 62.9230, 59.4370

Deuteranopia

64.3329, 63.1096, 56.9348



Tritanopia

68.1157, 63.0602, 70.2098

Trichromacy



Original Color

65.2053, 62.8717, 56.8429

Protanomaly

61.8478, 62.8388, 58.7385

Deuteranomaly

64.4317, 62.8155, 56.8728

Tritanomaly

67.0214, 62.9451, 65.1171

Monochromacy



Original Color

65.2053, 62.8717, 56.8429

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.5508, 63.7790, 64.8909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2053, 62.8717, 56.8429 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(239, 199, 189)` looks like.

```
.text, #text, p{  
    color:rgb(239, 199, 189)  
}
```

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(239, 199, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 199, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.2053, 62.8717, 56.8429 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(239, 199, 189) }
```


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

```
.border{ border-color:rgb(239, 199, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 199, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 199, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 199, 189);  
box-shadow:4px 4px 4px 4px rgb(239, 199,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2053, 62.8717, 56.8429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 199, 189) }
```

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

```
.background{ background-color: rgb(239,  
199, 189) }
```

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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