

Converting Colors

XYZ(56.0867, 54.9284, 67.3090)

Have a look what the booklet for
XYZ(56.0867, 54.9284, 67.3090)
contains.

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Color

**XYZ(56.0931, 54.9363,
67.3218)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BED0
RGB	209, 190, 208
RGB Percent	82%, 75%, 82%
CMY	0.1804, 0.2549, 0.1843
CMYK	0.00, 0.09, 0.00, 0.18
HSL	303°, 17%, 78%
HSV	303°, 9%, 82%
XYZ	56.0931, 54.9363, 67.3218
YIQ	197.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

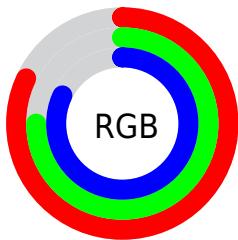
Format	Color
R _Y B	209, 190, 208
Decimal	13745872
CIE Lab	79.00, 9.90, -6.58
CIE LCh	79, 11.886, 326.368
Yxy	54.9363, 0.3145, 0.3080
Android (android.graphics.Color)	4291935952 (0xFFD1BED0)
YUV	197.7330, 5.0616, 9.8812
Hunter-Lab	74.1190, 5.3801, -1.9694

Details

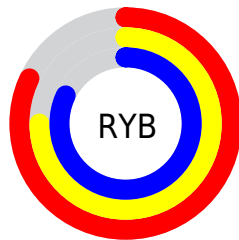
The XYZ color **56.0931, 54.9363, 67.3218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4417, 60.3112, 58.1177**, and the grayscale version is **53.4837, 56.2690, 61.2769**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **28.2960, 27.1930, 34.3293** is the 20% darker color. If you saturate the color by 10%, you get **51.7527, 46.4706, 65.2100**, and if you desaturate by 10%, it is **61.0867, 64.7054, 69.6573**.

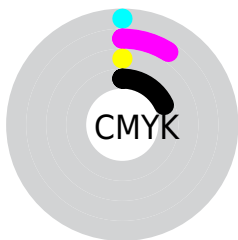
Distribution



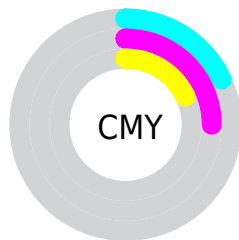
- Red (82%)
- Green (75%)
- Blue (82%)



- Red (82%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0931, 54.9363, 67.3218 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 56.0931, 54.9363, 67.3218 by changing the saturation by 10% instead.

■ 56.0931, 54.9363,
67.3218

■ 56.0931, 54.9363,
67.3218

400.1116,
405.6704, 469.6220

■ 40.5149, 39.3507,
48.8830

■ 98.2797, 97.4476,
117.0264

■ 28.1262, 27.0327,
34.1617

125.6188,
125.1422, 149.1293

■ 18.5618, 17.5978,
22.7395

157.6089,
157.6418, 186.6239

■ 11.4562, 10.6616,
14.1978

194.6153,
195.3309, 229.9288

■ 6.4441, 5.8398,
8.1180

237.0034,
238.5940, 279.4625

■ 3.1602, 2.7479,
4.0817

285.1386,

■ 1.2390, 1.0016,

287.8153, 335.6436

1.6703

339.3862,
343.3793, 398.8906

■ 0.1368, 0.0000,
0.3402

■ 0.0000, 0.0000,
0.0000

■ 56.0931, 54.9363,
67.3218

■ 56.0931, 54.9363,
67.3218

■ 51.7527, 46.4706,
65.2100

■ 61.0867, 64.7054,
69.6573

■ 48.0333, 39.2461,
63.3092

■ 66.7547, 75.8223,
72.2215

■ 44.9069, 33.2063,
61.6107

■ 73.1230, 88.3385,
75.0239

■ 42.3418, 28.2876,
60.1038

■ 73.9894, 89.8493,
75.9969

40.3031, 24.4202,
58.7771

74.1290, 89.9052,
76.7324

38.7522, 21.5267,
57.6175

74.2697, 89.9614,
77.4728

37.6449, 19.5190,
56.6103

74.4112, 90.0180,
78.2183

36.9293, 18.2933,
55.7384

74.5537, 90.0750,
78.9688

36.5199, 17.6786,
54.9730

74.6972, 90.1324,
79.7243

Harmonies

Analogous

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



54.2608, 54.9363, 72.2576



56.0931, 54.9363, 67.3218



56.8855, 54.9363, 60.6449

Triad

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



56.0931, 54.9363, 67.3218



52.5038, 54.9363, 47.7396



48.2468, 54.9363, 65.7879

Complementary

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



56.0931, 54.9363, 67.3218



53.4417, 60.3112, 58.1177

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.



47.8080, 54.9363, 58.9953



56.0931, 54.9363, 67.3218



50.2219, 54.9363, 48.8919

Square

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



56.0931, 54.9363, 67.3218



54.7742, 54.9363, 49.6165



48.5205, 54.9363, 52.8904



49.7374, 54.9363, 71.3261

Rectangle

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



56.0931, 54.9363, 67.3218



56.7003, 54.9363, 56.2213



48.5205, 54.9363, 52.8904



47.9733, 54.9363, 63.5613

Sweetspot

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



56.0947, 54.9387, 67.3230



92.5931, 95.1899, 107.7615



51.3978, 52.5031, 67.7476



19.6817, 20.1064, 23.0014



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.



56.0947, 54.9387, 67.3230



86.5085, 83.2961, 104.8844



54.9664, 54.4874, 61.3814



12.2828, 11.9979, 14.7650



22.5086, 10.8763, 33.9142



1.2670, 0.6115, 1.9406

Inverse Universe

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



56.0947, 54.9387, 67.3230



86.5085, 83.2961, 104.8844



54.5156, 60.7407, 63.7724



12.2828, 11.9979, 14.7650



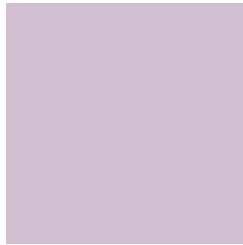
22.5086, 10.8763, 33.9142



1.2670, 0.6115, 1.9406

Previews

White Background



This preview shows how the XYZ color 56.0931, 54.9363, 67.3218 looks on a white background.

Color Contrast Check

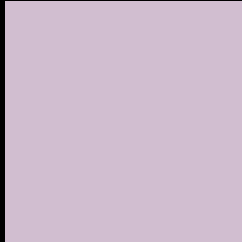
Large Text (above 18pt) WCAG AA × Fail

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 56.0931, 54.9363, 67.3218 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

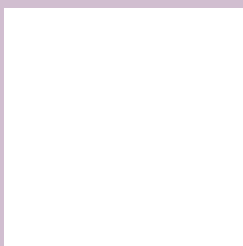
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0931, 54.9363, 67.3218

Background



This preview shows how black text looks on a background with the XYZ color 56.0931, 54.9363, 67.3218.



This preview shows how white text looks on a background with the XYZ color 56.0931, 54.9363,

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

56.0931, 54.9363, 67.3218

Protanopia

53.5553, 54.8888, 69.3999

Deuteranopia

56.0931, 54.9363, 67.3218



Tritanopia

55.7274, 54.7900, 65.3960

Trichromacy



Original Color

56.0931, 54.9363, 67.3218

Protanomaly

54.5222, 55.0724, 68.7292

Deuteranomaly

56.0931, 54.9363, 67.3218

Tritanomaly

55.8485, 54.8385, 66.0339

Monochromacy



Original Color

56.0931, 54.9363, 67.3218

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.5329, 55.8510, 63.7833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0931, 54.9363, 67.3218 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(209, 190, 208) looks like.

```
.text, #text, p{  
    color:rgb(209, 190, 208)  
}
```

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(209, 190, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 190, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.0931, 54.9363, 67.3218 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(209, 190, 208) }
```


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

```
.border{ border-color:rgb(209, 190, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 190, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 190, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 190, 208);  
box-shadow:4px 4px 4px 4px rgb(209, 190,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0931, 54.9363, 67.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 190, 208) }
```

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

```
.background{ background-color: rgb(209,  
190, 208) }
```

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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