

Converting Colors

XYZ(56.2469, 56.4031, 63.7995)

Have a look what the booklet for
XYZ(56.2469, 56.4031, 63.7995)
contains.

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Color

**XYZ(56.2470, 56.4032,
63.7995)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C2CA
RGB	209, 194, 202
RGB Percent	82%, 76%, 79%
CMY	0.1804, 0.2392, 0.2078
CMYK	0.00, 0.07, 0.03, 0.18
HSL	328°, 14%, 79%
HSV	328°, 7%, 82%
XYZ	56.2470, 56.4032, 63.7995
YIQ	199.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

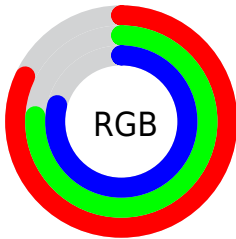
Format	Color
R _Y B	209, 194, 202
Decimal	13746890
CIE Lab	79.84, 6.67, -2.11
CIE LCh	80, 6.993, 342.415
Yxy	56.4032, 0.3188, 0.3197
Android (android.graphics.Color)	4291936970 (0xFFD1C2CA)
YUV	199.3970, 1.2833, 8.4218
Hunter-Lab	75.1021, 2.2573, 2.2044

Details

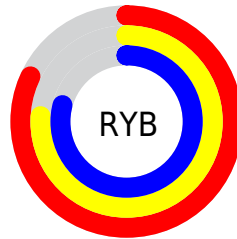
The XYZ color **56.2470, 56.4032, 63.7995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5934, 61.2889, 64.1613**, and the grayscale version is **54.5203, 57.3596, 62.4646**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **28.2409, 27.8628, 31.9066** is the 20% darker color. If you saturate the color by 10%, you get **50.8002, 47.2996, 56.4642**, and if you desaturate by 10%, it is **62.4242, 66.8493, 71.7399**.

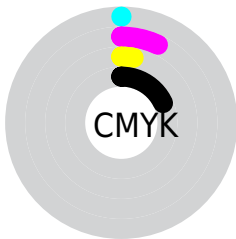
Distribution



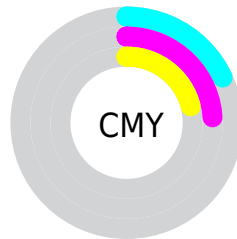
- Red (82%)
- Green (76%)
- Blue (79%)



- Red (82%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2470, 56.4032, 63.7995 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 56.2470, 56.4032, 63.7995 by changing the saturation by 10% instead.

■ 56.2470, 56.4032,
63.7995

■ 56.2470, 56.4032,
63.7995

400.6816,
411.2092, 456.6528

■ 40.6388, 40.5263,
46.0432

■ 98.5033, 99.5939,
111.9188

■ 28.2234, 27.9491,
31.9310

125.8822,
127.6764, 143.1189

■ 18.6354, 18.2873,
21.0444

157.9152,
160.5962, 179.6373

■ 11.5096, 11.1565,
12.9649

194.9679,
198.7378, 221.8925

■ 6.4805, 6.1722,
7.2739

237.4055,
242.4855, 270.3031

■ 3.1828, 2.9501,
3.5530

285.5934,

■ 1.2512, 1.1057,

292.2237, 325.2877

1.3835

339.8970,
348.3368, 387.2647

■ 0.1462, 0.0000,
0.1288

■ 0.0000, 0.0000,
0.0000

■ 56.2470, 56.4032,
63.7995

■ 56.2470, 56.4032,
63.7995

■ 50.8002, 47.2996,
56.4642

■ 62.4242, 66.8493,
71.7399

■ 46.0506, 39.4762,
49.7144

■ 69.3539, 78.6822,
80.2973

■ 41.9693, 32.8769,
43.5342

■ 76.5167, 90.8602,
89.3053

■ 38.5235, 27.4384,
37.9059

■ 77.9357, 91.4278,
96.7779

■ 35.6775, 23.0918,
32.8102

■ 79.4328, 92.0267,
104.6616

■ 33.3921, 19.7606,
28.2266

■ 80.1049, 92.2955,
108.2006

■ 31.6227, 17.3585,
24.1325

■ 30.3176, 15.7845,
20.5028

■ 29.4076, 14.9031,
17.3058

Harmonies

Analogous

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



55.4669, 56.4032, 67.3518



56.2470, 56.4032, 63.7995



56.3127, 56.4032, 59.7524

Triad

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



56.2470, 56.4032, 63.7995



53.0264, 56.4032, 54.1090



51.6245, 56.4032, 66.8242

Complementary

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



56.2470, 56.4032, 63.7995



55.5934, 61.2889, 64.1613

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.



50.9944, 56.4032, 63.1051



56.2470, 56.4032, 63.7995



51.7941, 56.4032, 55.8349

Square

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



56.2470, 56.4032, 63.7995



54.4363, 56.4032, 54.2765



51.0559, 56.4032, 59.0877



52.7912, 56.4032, 69.1503

Rectangle

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



56.2470, 56.4032, 63.7995



55.9409, 56.4032, 57.3279



51.0559, 56.4032, 59.0877



51.3439, 56.4032, 65.6887

Sweetspot

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



56.2486, 56.4057, 63.8007



93.0636, 96.6367, 106.3587



54.8900, 55.6073, 68.1627



19.9403, 20.7195, 22.7919



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.



56.2486, 56.4057, 63.8007



86.4835, 85.5505, 97.7717



55.3822, 56.0591, 59.2383



12.0684, 11.9121, 13.6362



18.0469, 9.0916, 10.4188



1.0490, 0.5243, 0.7927

Inverse Universe

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



56.2486, 56.4057, 63.8007



86.4835, 85.5505, 97.7717



56.4972, 61.6504, 68.9205



12.0684, 11.9121, 13.6362



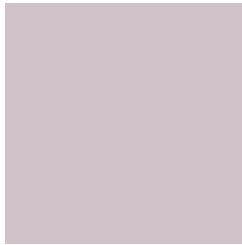
18.0469, 9.0916, 10.4188



1.0490, 0.5243, 0.7927

Previews

White Background



This preview shows how the XYZ color 56.2470, 56.4032, 63.7995 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 56.2470, 56.4032, 63.7995 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 56.2470, 56.4032, 63.7995

Background



This preview shows how black text looks on a background with the XYZ color 56.2470, 56.4032, 63.7995.



This preview shows how white text looks on a background with the XYZ color 56.2470, 56.4032,

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

56.2470, 56.4032, 63.7995

Protanopia

54.6848, 56.5715, 65.1639

Deuteranopia

57.5346, 56.4106, 63.7331



Tritanopia

57.0335, 56.3956, 67.5540

Trichromacy



Original Color

56.2470, 56.4032, 63.7995

Protanomaly

55.1480, 56.4882, 64.4966

Deuteranomaly

57.1712, 56.5503, 63.7792

Tritanomaly

56.7889, 56.2978, 66.2660

Monochromacy



Original Color

56.2470, 56.4032, 63.7995

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.0202, 56.7991, 62.7070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2470, 56.4032, 63.7995 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, 194, 202) looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 202)  
}
```

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, 194, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.2470, 56.4032, 63.7995 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, 194, 202) }
```


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

```
.border{ border-color:rgb(209, 194, 202) }
```

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

Here you see how a box with a 4 pixel rgb(209, 194, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 202);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2470, 56.4032, 63.7995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 202) }
```

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

```
.background{ background-color: rgb(209,  
194, 202) }
```

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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