

Converting Colors

XYZ(56.2938, 55.1583, 63.6611)

Have a look what the booklet for
XYZ(56.2938, 55.1583, 63.6611)
contains.

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Color

**XYZ(56.2255, 55.0882,
63.5468)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BECA
RGB	212, 190, 202
RGB Percent	83%, 75%, 79%
CMY	0.1686, 0.2549, 0.2078
CMYK	0.00, 0.10, 0.05, 0.17
HSL	327°, 20%, 79%
HSV	327°, 10%, 83%
XYZ	56.2255, 55.0882, 63.5468
YIQ	197.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

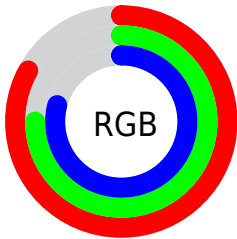
Format	Color
R _Y B	212, 190, 202
Decimal	13942474
CIE Lab	79.09, 9.85, -3.19
CIE LCh	79, 10.351, 342.074
Yxy	55.0882, 0.3215, 0.3150
Android (android.graphics.Color)	4292132554 (0xFFD4BECA)
YUV	197.9460, 1.9986, 12.3254
Hunter-Lab	74.2214, 5.3329, 1.1922

Details

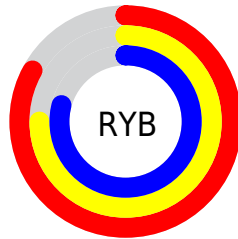
The XYZ color **56.2255, 55.0882, 63.5468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2061, 62.2057, 63.7438**, and the grayscale version is **53.6293, 56.4222, 61.4438**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **28.1956, 27.1975, 31.7806** is the 20% darker color. If you saturate the color by 10%, you get **50.8582, 46.1225, 56.3025**, and if you desaturate by 10%, it is **62.3352, 65.4230, 71.3915**.

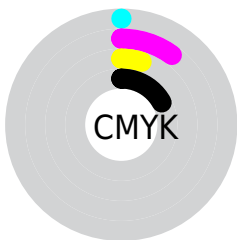
Distribution



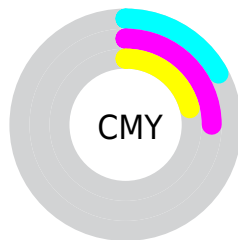
- Red (83%)
- Green (75%)
- Blue (79%)



- Red (83%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2255, 55.0882, 63.5468 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 56.2255, 55.0882, 63.5468 by changing the saturation by 10% instead.

■ 56.2255, 55.0882,
63.5468

■ 56.2255, 55.0882,
63.5468

400.6020,
406.2462, 455.7137

■ 40.6215, 39.4723,
45.8399

■ 98.4721, 97.6702,
111.5512

■ 28.2098, 27.1274,
31.7717

125.8454,
125.4051, 142.6857

■ 18.6251, 17.6689,
20.9238

157.8724,
157.9484, 179.1332

■ 11.5021, 10.7125,
12.8776

194.9186,
195.6847, 221.3121

■ 6.4754, 5.8739,
7.2146

237.3494,
238.9982, 269.6411

■ 3.1796, 2.7685,
3.5162

285.5299,

■ 1.2495, 1.0121,

288.2733, 324.5387

1.3639

339.8257,
343.8945, 386.4234

■ 0.1449, 0.0000,
0.1133

■ 0.0000, 0.0000,
0.0000

■ 56.2255, 55.0882,
63.5468

■ 56.2255, 55.0882,
63.5468

■ 50.8582, 46.1225,
56.3025

■ 62.3352, 65.4230,
71.3915

■ 46.1984, 38.4607,
49.6387

■ 69.2107, 77.1741,
79.8487

■ 42.2157, 32.0431,
43.5394

■ 76.8802, 90.3953,
88.9346

■ 38.8754, 26.8026,
37.9863

■ 78.7222, 91.8414,
96.4477

■ 36.1394, 22.6654,
32.9597

■ 80.1970, 92.4314,
104.2139

■ 33.9657, 19.5495,
28.4384

■ 80.9617, 92.7372,
108.2407

■ 32.3063, 17.3614,
24.3989

■ 31.1042, 15.9900,
20.8147

■ 30.2821, 15.2494,
17.7552

Harmonies

Analogous

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



55.0632, 55.0882, 68.8161



56.2255, 55.0882, 63.5468



56.3355, 55.0882, 57.6364

Triad

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



56.2255, 55.0882, 63.5468



51.5342, 55.0882, 49.5437



49.4700, 55.0882, 67.9213

Complementary

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



56.2255, 55.0882, 63.5468



55.2061, 62.2057, 63.7438

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.



48.5755, 55.0882, 62.3898



56.2255, 55.0882, 63.5468



49.7462, 55.0882, 51.9377

Square

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



56.2255, 55.0882, 63.5468



53.5902, 55.0882, 49.8084



48.6753, 55.0882, 56.5525



51.1482, 55.0882, 71.4536

Rectangle

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



56.2255, 55.0882, 63.5468



55.7936, 55.0882, 54.1487



48.6753, 55.0882, 56.5525



49.0697, 55.0882, 66.2192

Sweetspot

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



56.2271, 55.0906, 63.5480



92.1029, 94.9938, 105.1802



54.0919, 53.8486, 69.8310



19.5491, 20.0533, 22.3032



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.



56.2271, 55.0906, 63.5480



83.8937, 81.1428, 94.5290



54.9818, 54.5925, 56.9902



12.7037, 12.5330, 14.3801



18.7456, 9.4346, 11.2304



1.1722, 0.5857, 0.8960

Inverse Universe

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



56.2271, 55.0906, 63.5480



83.8937, 81.1428, 94.5290



56.5257, 62.7336, 70.6928



12.7037, 12.5330, 14.3801



18.7456, 9.4346, 11.2304



1.1722, 0.5857, 0.8960

Previews

White Background



This preview shows how the XYZ color 56.2255, 55.0882, 63.5468 looks on a white background.

Color Contrast Check

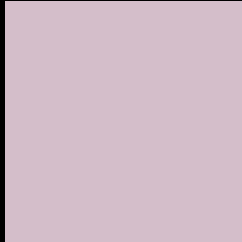
Large Text (above 18pt) WCAG AA × Fail

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 56.2255, 55.0882, 63.5468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

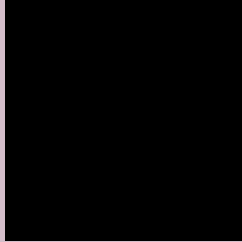
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2255, 55.0882, 63.5468

Background



This preview shows how black text looks on a background with the XYZ color 56.2255, 55.0882, 63.5468.



This preview shows how white text looks on a background with the XYZ color 56.2255, 55.0882,

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

56.2255, 55.0882, 63.5468

Protanopia

53.5605, 55.3083, 65.6102

Deuteranopia

56.2255, 55.0882, 63.5468



Tritanopia

56.4639, 55.1836, 64.8023

Trichromacy



Original Color

56.2255, 55.0882, 63.5468

Protanomaly

54.3262, 55.0561, 64.8903

Deuteranomaly

56.2255, 55.0882, 63.5468

Tritanomaly

56.3443, 55.1358, 64.1725

Monochromacy



Original Color

56.2255, 55.0882, 63.5468

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4525, 55.8502, 61.9431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2255, 55.0882, 63.5468 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(212, 190, 202)` looks like.

```
.text, #text, p{  
    color:rgb(212, 190, 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(212, 190, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 190, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.2255, 55.0882, 63.5468 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(212, 190, 202) }
```


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

```
.border{ border-color:rgb(212, 190, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 190, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 190, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 190, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 190,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2255, 55.0882, 63.5468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 190, 202) }
```

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

```
.background{ background-color: rgb(212,  
190, 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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