

Converting Colors

XYZ(55.9823, 56.4096, 51.9785)

Have a look what the booklet for
XYZ(55.9823, 56.4096, 51.9785)
contains.

XYZ(56.0542, 56.5599, 52.2187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.0542, 56.5599,
52.2187)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C2B6
RGB	216, 194, 182
RGB Percent	85%, 76%, 71%
CMY	0.1529, 0.2392, 0.2863
CMYK	0.00, 0.10, 0.16, 0.15
HSL	21°, 30%, 78%
HSV	21°, 16%, 85%
XYZ	56.0542, 56.5599, 52.2187
YIQ	199.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

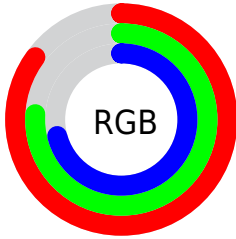
Format	Color
R _Y B	216, 201, 182
Decimal	14205622
CIE Lab	79.93, 5.80, 8.85
CIE LCh	80, 10.583, 56.740
Yxy	56.5599, 0.3401, 0.3431
Android (android.graphics.Color)	4292395702 (0xFFD8C2B6)
YUV	199.2100, -8.4845, 14.7248
Hunter-Lab	75.2063, 1.4320, 11.4770

Details

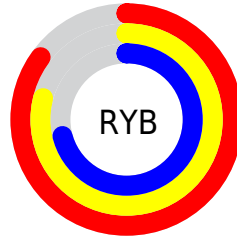
The XYZ color **56.0542, 56.5599, 52.2187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2786, 58.0874, 73.3702**, and the grayscale version is **54.4590, 57.2951, 62.3943**.

A 20% lighter version of the original color is **90.8582, 95.8043, 94.5922**, and **28.0385, 27.9182, 24.6798** is the 20% darker color. If you saturate the color by 10%, you get **51.0271, 49.8064, 40.3662**, and if you desaturate by 10%, it is **61.7213, 64.0412, 65.9846**.

Distribution



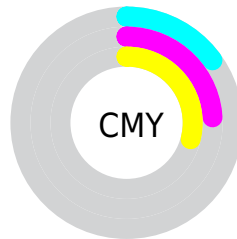
- Red (85%)
- Green (76%)
- Blue (71%)



- Red (85%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0542, 56.5599, 52.2187 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 56.0542, 56.5599, 52.2187 by changing the saturation by 10% instead.


 56.0542, 56.5599,
52.2187

 56.0542, 56.5599,
52.2187


399.9674,
411.7981, 412.2613

 40.4836, 40.6520,
36.7960


 98.2232, 99.8227,
94.8836

 28.1017, 28.0473,
24.7550


125.5522,
127.9465, 122.9628

 18.5431, 18.3613,
15.6773


157.5314,
160.9109, 156.0979

 11.4427, 11.2097,
9.1442

194.5261,
199.1005, 194.7075

 6.4349, 6.2081,
4.7373

236.9017,
242.8997, 239.2101

 3.1544, 2.9720,
2.0379

285.0236,

 1.2360, 1.1171,

292.6927, 290.0242

0.5784

339.2570,
348.8641, 347.5685

■ 0.1345, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0542, 56.5599,
52.2187

■ 56.0542, 56.5599,
52.2187

■ 51.0271, 49.8064,
40.3662

■ 61.7213, 64.0412,
65.9846

■ 46.6115, 43.7506,
30.3380

■ 68.0461, 72.2640,
81.7403

■ 42.7837, 38.3717,
22.0432

■ 75.0515, 81.2511,
99.5627

■ 39.5163, 33.6447,
15.3816

■ 80.5240, 90.1287,
107.7603

■ 36.7799, 29.5428,
10.2426

■ 82.1291, 93.3391,
108.2953

■ 34.5414, 26.0374,
6.5015

■ 32.7639, 23.0970,
4.0139

■ 31.4030, 20.6861,
2.6019

■ 30.9216, 19.8040,
2.1928

Harmonies

Analogous

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



57.5296, 56.5599, 56.4169



56.0542, 56.5599, 52.2187



53.9936, 56.5599, 50.5198

Triad

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



56.0542, 56.5599, 52.2187



49.7419, 56.5599, 60.9143



55.6372, 56.5599, 72.7560

Complementary

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



56.0542, 56.5599, 52.2187



53.2786, 58.0874, 73.3702

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.



53.5241, 56.5599, 74.1563



56.0542, 56.5599, 52.2187



50.1559, 56.5599, 67.0576

Square

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



56.0542, 56.5599, 52.2187



50.3803, 56.5599, 55.3257



51.5263, 56.5599, 72.0073



57.2844, 56.5599, 68.2976

Rectangle

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



56.0542, 56.5599, 52.2187



52.5784, 56.5599, 50.9432



51.5263, 56.5599, 72.0073



54.9561, 56.5599, 73.6123

Sweetspot

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



56.0557, 56.5624, 52.2199



90.4894, 94.0555, 97.5866



55.9586, 52.4200, 64.3590



19.2355, 19.9577, 20.5600



0.0000, 0.0000, 0.0000



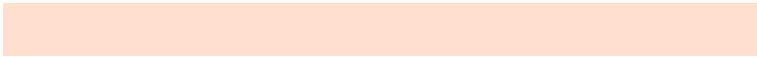
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0557, 56.5624, 52.2199



79.0108, 78.8695, 69.8025



60.0324, 64.5158, 53.5455



12.7784, 13.1310, 13.0217



18.3946, 11.9065, 1.3287



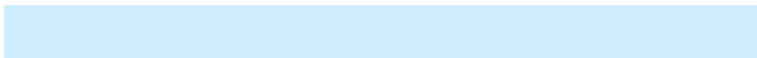
1.1862, 0.8715, 0.1057

Inverse Universe

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



53.2786, 58.0874, 73.3702



74.2003, 81.5081, 106.4296



49.4783, 50.4868, 72.1034



12.4061, 13.3357, 15.8577



12.9696, 14.2010, 40.5107



0.8588, 1.0096, 2.4689

Previews

White Background



This preview shows how the XYZ color 56.0542, 56.5599, 52.2187 looks on a white background.

Color Contrast Check

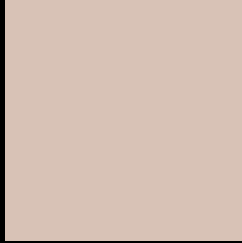
Large Text (above 18pt) WCAG AA × Fail

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 56.0542, 56.5599, 52.2187 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 56.0542, 56.5599, 52.2187

Background



This preview shows how black text looks on a background with the XYZ color 56.0542, 56.5599, 52.2187.



This preview shows how white text looks on a background with the XYZ color 56.0542, 56.5599,

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

56.0542, 56.5599, 52.2187

Protanopia

54.0227, 56.8280, 53.4690

Deuteranopia

57.6095, 56.3685, 52.6436



Tritanopia

58.8637, 56.7295, 65.6050

Trichromacy



Original Color

56.0542, 56.5599, 52.2187

Protanomaly

54.8080, 56.9067, 52.8951

Deuteranomaly

56.9121, 56.3338, 52.6737

Tritanomaly

57.8411, 56.6359, 60.7066

Monochromacy



Original Color

56.0542, 56.5599, 52.2187

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.7687, 56.7619, 58.5216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0542, 56.5599, 52.2187 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(216, 194, 182) looks like.

```
.text, #text, p{  
    color:rgb(216, 194, 182)  
}
```

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(216, 194, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 194, 182) }
```

Border

The CSS property to change the border of an element to XYZ 56.0542, 56.5599, 52.2187 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(216, 194, 182) }
```


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

```
.border{ border-color:rgb(216, 194, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 194, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 194, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 194, 182);  
box-shadow:4px 4px 4px 4px rgb(216, 194,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0542, 56.5599, 52.2187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 194, 182) }
```

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

```
.background{ background-color: rgb(216,  
194, 182) }
```

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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