

Converting Colors

XYZ(55.1336, 56.7949, 56.0206)

Have a look what the booklet for
XYZ(55.1336, 56.7949, 56.0206)
contains.

XYZ(55.2197, 56.7093, 56.1797)	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(55.2197, 56.7093,
56.1797)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C4BD
RGB	209, 196, 189
RGB Percent	82%, 77%, 74%
CMY	0.1804, 0.2314, 0.2588
CMYK	0.00, 0.06, 0.10, 0.18
HSL	21°, 18%, 78%
HSV	21°, 10%, 82%
XYZ	55.2197, 56.7093, 56.1797
YIQ	199.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

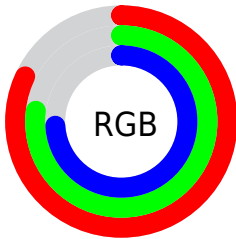
Format	Color
R _Y B	209, 200, 189
Decimal	13747389
CIE Lab	80.02, 3.35, 5.13
CIE LCh	80, 6.129, 56.874
Yxy	56.7093, 0.3285, 0.3373
Android (android.graphics.Color)	4291937469 (0xFFD1C4BD)
YUV	199.0890, -4.9739, 8.6919
Hunter-Lab	75.3056, -0.8952, 8.4822

Details

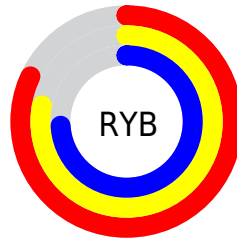
The XYZ color **55.2197, 56.7093, 56.1797** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6152, 57.6622, 68.6262**, and the grayscale version is **54.3671, 57.1984, 62.2890**.

A 20% lighter version of the original color is **92.8467, 98.1031, 100.4285**, and **27.6345, 28.0921, 27.2584** is the 20% darker color. If you saturate the color by 10%, you get **50.1870, 50.0163, 44.1043**, and if you desaturate by 10%, it is **60.8598, 64.0927, 70.0719**.

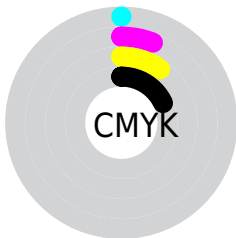
Distribution



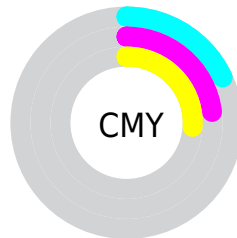
- Red (82%)
- Green (77%)
- Blue (74%)



- Red (82%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2197, 56.7093, 56.1797 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 55.2197, 56.7093, 56.1797 by changing the saturation by 10% instead.

■ 55.2197, 56.7093,
56.1797

■ 55.2197, 56.7093,
56.1797

396.8671,
412.3591, 427.7757

■ 39.8122, 40.7719,
39.9421

■ 97.0092, 100.0409,
100.7557

■ 27.5757, 28.1409,
27.1799

124.1219,
128.2039, 129.9311

■ 18.1449, 18.4319,
17.4748

155.8671,
161.2108, 164.2562

■ 11.1544, 11.2605,
10.4080

192.6101,
199.4462, 204.1495

■ 6.2388, 6.2423,
5.5612

234.7162,
243.2943, 250.0296

■ 3.0329, 2.9930,
2.5157

282.5508,

■ 1.1712, 1.1281,

293.1395, 302.3149

0.8485

336.4793,
349.3663, 361.4241

■ 0.0834, 0.0018,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2197, 56.7093,
56.1797

■ 55.2197, 56.7093,
56.1797

■ 50.1870, 50.0163,
44.1043

■ 60.8598, 64.0927,
70.0719

■ 45.7358, 43.9860,
33.7662

■ 67.1228, 72.1784,
85.8485

■ 41.8452, 38.5997,
25.0857

■ 74.0294, 80.9873,
103.5781

■ 38.4909, 33.8350,
17.9751

■ 78.6326, 89.3512,
107.7099

■ 35.6470, 29.6680,
12.3385

■ 80.1047, 92.2954,
108.2006

■ 33.2849, 26.0733,
8.0695

■ 31.3730, 23.0231,
5.0472

■ 29.8749, 20.4871,
3.1288

■ 28.7336, 18.4252,
2.0679

Harmonies

Analogous

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



56.0648, 56.7093, 58.6984



55.2197, 56.7093, 56.1797



54.0312, 56.7093, 55.1491

Triad

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



55.2197, 56.7093, 56.1797



51.5446, 56.7093, 61.3736



54.9902, 56.7093, 68.0683

Complementary

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



55.2197, 56.7093, 56.1797



53.6152, 57.6622, 68.6262

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.



53.7700, 56.7093, 68.8508



55.2197, 56.7093, 56.1797



51.7926, 56.7093, 64.8990

Square

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



55.2197, 56.7093, 56.1797



51.9199, 56.7093, 58.0744



52.6025, 56.7093, 67.6700



55.9309, 56.7093, 65.5708

Rectangle

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



55.2197, 56.7093, 56.1797



53.2084, 56.7093, 55.4139



52.6025, 56.7093, 67.6700



54.5986, 56.7093, 68.5447

Sweetspot

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



55.2213, 56.7118, 56.1809



92.2772, 96.3863, 102.0200



55.1534, 54.2155, 63.4355



19.5957, 20.4276, 21.4527



0.0000, 0.0000, 0.0000



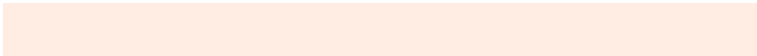
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2213, 56.7118, 56.1809



85.3167, 87.2403, 84.9793



57.5517, 61.3726, 56.9577



12.1425, 12.4758, 12.3801



17.7732, 11.4794, 1.2790



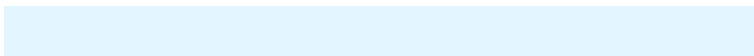
1.0674, 0.7892, 0.0961

Inverse Universe

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



53.6152, 57.6622, 68.6262



82.4187, 88.9547, 107.4338



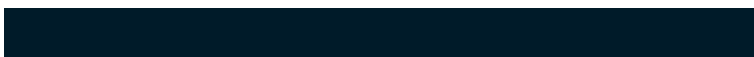
51.3453, 53.1223, 67.8696



11.7954, 12.6812, 15.0697



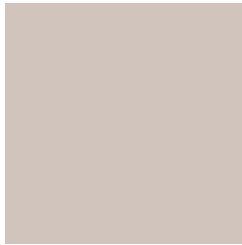
12.6032, 13.8529, 39.2021



0.7776, 0.9204, 2.2162

Previews

White Background



This preview shows how the XYZ color 55.2197, 56.7093, 56.1797 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 55.2197, 56.7093, 56.1797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

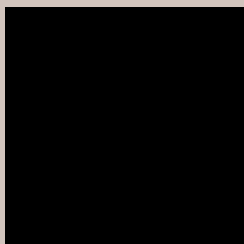
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

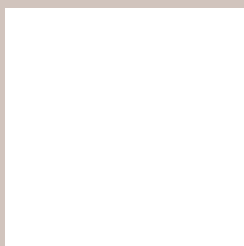
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2197, 56.7093, 56.1797

Background



This preview shows how black text looks on a background with the XYZ color 55.2197, 56.7093, 56.1797.

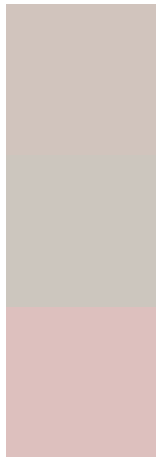


This preview shows how white text looks on a background with the XYZ color 55.2197, 56.7093,

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

55.2197, 56.7093, 56.1797

Protanopia

54.3902, 56.9432, 56.8397

Deuteranopia

57.9627, 56.7891, 56.6216



Tritanopia

57.6065, 56.6910, 67.5808

Trichromacy



Original Color

55.2197, 56.7093, 56.1797

Protanomaly

54.7141, 56.7720, 56.7896

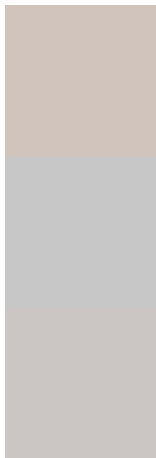
Deuteranomaly

56.9795, 56.6093, 56.6388

Tritanomaly

56.6984, 56.6495, 63.2045

Monochromacy



Original Color

55.2197, 56.7093, 56.1797

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.6730, 57.0248, 59.7551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2197, 56.7093, 56.1797 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, 196, 189) looks like.

```
.text, #text, p{  
    color:rgb(209, 196, 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(209, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 196, 189) }
```

Border

The CSS property to change the border of an element to XYZ 55.2197, 56.7093, 56.1797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

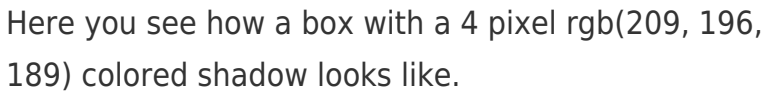
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 196, 189) }
```


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

```
.border{ border-color:rgb(209, 196, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(209, 196,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2197, 56.7093, 56.1797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 196, 189) }
```

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

```
.background{ background-color: rgb(209,  
196, 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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