

Converting Colors

XYZ(56.9541, 59.6778, 55.5309)

Have a look what the booklet for
XYZ(56.9541, 59.6778, 55.5309)
contains.

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Color

**XYZ(56.9541, 59.6778,
55.5309)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CABB
RGB	211, 202, 187
RGB Percent	83%, 79%, 73%
CMY	0.1725, 0.2078, 0.2667
CMYK	0.00, 0.04, 0.11, 0.17
HSL	38°, 21%, 78%
HSV	38°, 11%, 83%
XYZ	56.9541, 59.6778, 55.5309
YIQ	202.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

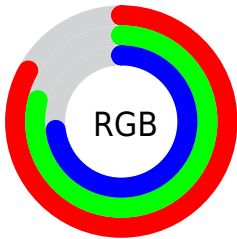
Format	Color
R_{YB}	201, 211, 187
Decimal	13879995
CIE _{Lab}	81.66, 0.57, 8.59
CIE _{LCh}	82, 8.611, 86.181
Yxy	59.6778, 0.3308, 0.3466
Android (android.graphics.Color)	4292070075 (0xFFD3CABB)
YUV	202.9810, -7.8786, 7.0327
Hunter-Lab	77.2514, -3.5897, 11.4563

Details

The XYZ color **56.9541, 59.6778, 55.5309** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9911, 54.7467, 69.4554**, and the grayscale version is **56.7976, 59.7555, 65.0737**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **28.6033, 29.9690, 26.8313** is the 20% darker color. If you saturate the color by 10%, you get **53.0513, 55.2251, 43.8924**, and if you desaturate by 10%, it is **61.2872, 64.4588, 68.9517**.

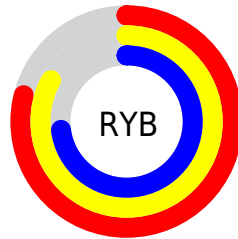
Distribution



Red (83%)

Green (79%)

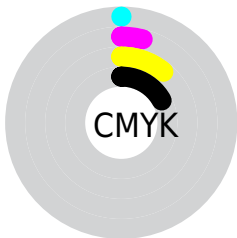
Blue (73%)



Red (79%)

Yellow (83%)

Blue (73%)

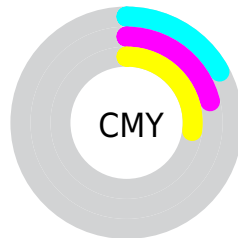


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (17%)



Cyan (17%)

Magenta (21%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9541, 59.6778, 55.5309 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 56.9541, 59.6778, 55.5309 by changing the saturation by 10% instead.

■ 56.9541, 59.6778,
55.5309

■ 56.9541, 59.6778,
55.5309

403.2943,
423.4091, 425.2598

■ 41.2084, 43.1590,
39.4255

■ 99.5300, 104.3621,
99.7973

■ 28.6703, 30.0099,
26.7805

127.0908,
133.2964, 128.7954

■ 18.9746, 19.8461,
17.1775

159.3208,
167.1380, 162.9281

■ 11.7558, 12.2832,
10.1978

196.5851,
206.2713, 202.6139

■ 6.6487, 6.9369,
5.4230

239.2493,
251.0807, 248.2715

■ 3.2877, 3.4226,
2.4345

287.6787,

■ 1.3077, 1.3562,

301.9505, 300.3193

0.8051

342.2385,
359.2652, 359.1759

■ 0.1890, 0.1841,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9541, 59.6778,
55.5309

■ 56.9541, 59.6778,
55.5309

■ 53.0513, 55.2251,
43.8924

■ 61.2872, 64.4588,
68.9517

■ 49.5582, 51.0841,
33.9561

■ 66.0607, 69.5684,
84.2228

■ 46.4593, 47.2485,
25.6411

■ 71.2903, 75.0170,
101.4131

■ 43.7366, 43.7086,
18.8587

■ 74.2347, 79.7101,
106.0807

■ 41.3700, 40.4541,
13.5115

■ 76.5323, 84.3053,
106.8466

■ 39.3374, 37.4735,
9.4906

■ 78.9316, 89.1039,
107.6464

■ 37.6138, 34.7542,
6.6715

■ 80.6742, 92.5890,
108.2272

■ 36.1693, 32.2818,
4.9056

■ 35.1036, 30.3278,
4.0037

Harmonies

Analogous

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



58.6815, 59.6778, 57.0435



56.9541, 59.6778, 55.5309



55.1999, 59.6778, 56.4369

Triad

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



56.9541, 59.6778, 55.5309



53.6552, 59.6778, 69.4775



59.6634, 59.6778, 70.6869

Complementary

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



56.9541, 59.6778, 55.5309



51.9911, 54.7467, 69.4554

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.



58.2717, 59.6778, 74.3422



56.9541, 59.6778, 55.5309



54.8066, 59.6778, 73.6183

Square

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



56.9541, 59.6778, 55.5309



53.3192, 59.6778, 64.3173



56.4904, 59.6778, 75.4422



60.2665, 59.6778, 65.6452

Rectangle

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



56.9541, 59.6778, 55.5309



54.2472, 59.6778, 58.3181



56.4904, 59.6778, 75.4422



59.2708, 59.6778, 72.1287

Sweetspot

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



56.9557, 59.6804, 55.5322



92.9346, 97.7012, 102.2392



54.6216, 53.3850, 59.7702



19.7731, 20.7822, 21.5118



0.0000, 0.0000, 0.0000



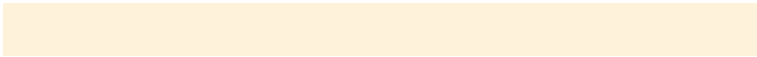
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9557, 59.6804, 55.5322



85.7045, 89.6679, 80.0156



58.3332, 63.6158, 56.2192



12.4156, 13.0218, 12.4711



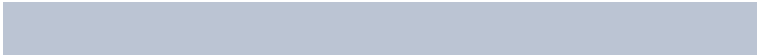
21.2861, 18.5052, 2.4500



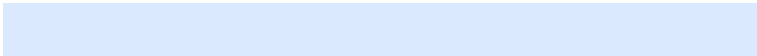
1.2651, 1.1845, 0.1619

Inverse Universe

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



51.9911, 54.7467, 69.4554



76.4025, 80.4241, 106.1043



50.7143, 51.1661, 68.8316



11.5215, 12.1333, 14.9784



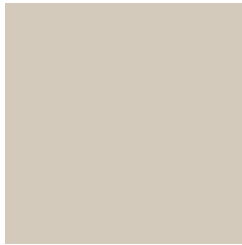
8.8780, 6.4025, 37.9604



0.5717, 0.5087, 2.1476

Previews

White Background



This preview shows how the XYZ color 56.9541, 59.6778, 55.5309 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 56.9541, 59.6778, 55.5309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

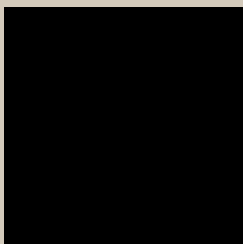
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

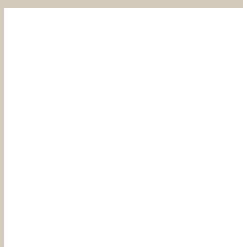
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9541, 59.6778, 55.5309

Background



This preview shows how black text looks on a background with the XYZ color 56.9541, 59.6778, 55.5309.

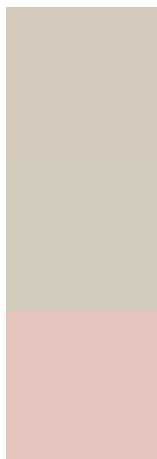


This preview shows how white text looks on a background with the XYZ color 56.9541, 59.6778,

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

56.9541, 59.6778, 55.5309

Protanopia

56.6685, 59.5306, 55.5175

Deuteranopia

60.8119, 59.6047, 55.8767



Tritanopia

60.3560, 59.6903, 71.9586

Trichromacy



Original Color

56.9541, 59.6778, 55.5309

Protanomaly

56.6685, 59.5306, 55.5175

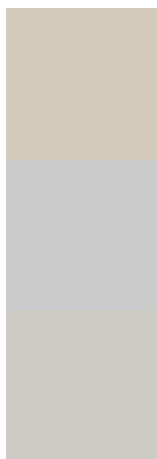
Deuteranomaly

59.3954, 59.5486, 55.9405

Tritanomaly

59.0541, 59.5026, 65.4994

Monochromacy



Original Color

56.9541, 59.6778, 55.5309

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8876, 59.8649, 61.3801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9541, 59.6778, 55.5309 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(211, 202, 187) looks like.

```
.text, #text, p{  
    color:rgb(211, 202, 187)  
}
```

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(211, 202, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 202, 187) }
```

Border

The CSS property to change the border of an element to XYZ 56.9541, 59.6778, 55.5309 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(211, 202, 187) }
```


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

```
.border{ border-color:rgb(211, 202, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 202, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 202, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 202, 187);  
box-shadow:4px 4px 4px 4px rgb(211, 202,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9541, 59.6778, 55.5309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 202, 187) }
```

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

```
.background{ background-color: rgb(211,  
202, 187) }
```

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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