

Converting Colors

XYZ(54.0018, 56.9228, 55.7396)

Have a look what the booklet for
XYZ(54.0018, 56.9228, 55.7396)
contains.

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Color

**XYZ(53.8998, 56.7155,
55.6833)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC6BC
RGB	203, 198, 188
RGB Percent	80%, 78%, 74%
CMY	0.2039, 0.2235, 0.2627
CMYK	0.00, 0.02, 0.07, 0.20
HSL	40°, 13%, 77%
HSV	40°, 7%, 80%
XYZ	53.8998, 56.7155, 55.6833
YIQ	198.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

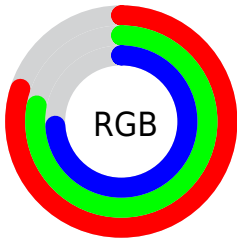
Format	Color
R _Y B	196, 203, 188
Decimal	13354684
CIE Lab	80.02, -0.02, 5.61
CIE LCh	80, 5.613, 90.172
Yxy	56.7155, 0.3241, 0.3410
Android (android.graphics.Color)	4291544764 (0xFFCBC6BC)
YUV	198.3550, -5.1050, 4.0737
Hunter-Lab	75.3097, -4.0380, 8.8783

Details

The XYZ color **53.8998, 56.7155, 55.6833** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5885, 53.1423, 64.0918**, and the grayscale version is **53.9212, 56.7293, 61.7783**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **26.7409, 28.0853, 26.9333** is the 20% darker color. If you saturate the color by 10%, you get **50.3529, 52.8804, 44.4531**, and if you desaturate by 10%, it is **57.8268, 60.8167, 68.5602**.

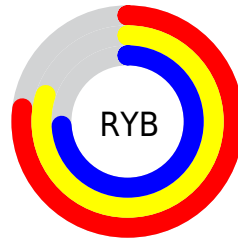
Distribution



Red (80%)

Green (78%)

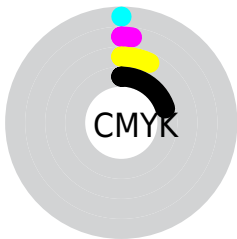
Blue (74%)



Red (77%)

Yellow (80%)

Blue (74%)

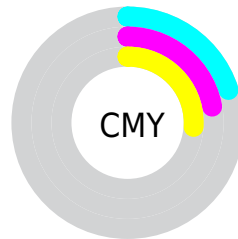


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8998, 56.7155, 55.6833 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 53.8998, 56.7155, 55.6833 by changing the saturation by 10% instead.

■ 53.8998, 56.7155,
55.6833

■ 53.8998, 56.7155,
55.6833

391.9324,
412.3824, 425.8516

■ 38.7519, 40.7769,
39.5468

■ 95.0849, 100.0499,
100.0225

■ 26.7466, 28.1448,
26.8743

121.8527,
128.2146, 129.0623

■ 17.5186, 18.4348,
17.2472

153.2247,
161.2233, 163.2403

■ 10.7025, 11.2626,
10.2471

189.5660,
199.4605, 202.9750

■ 5.9330, 6.2438,
5.4553

231.2421,
243.3106, 248.6849

■ 2.8447, 2.9939,
2.4535

278.6183,

■ 1.0722, 1.1285,

293.1581, 300.7886

0.8153

332.0599,
349.3872, 359.7047

■ 0.0016, 0.0021,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8998, 56.7155,
55.6833

■ 53.8998, 56.7155,
55.6833

■ 50.3529, 52.8804,
44.4531

■ 57.8268, 60.8167,
68.5602

■ 47.1676, 49.2972,
34.7984

■ 62.1420, 65.1831,
83.1438

■ 44.3309, 45.9609,
26.6481

■ 66.8592, 69.8235,
99.4957

■ 41.8272, 42.8639,
19.9241

■ 69.6182, 73.7952,
105.1824

■ 39.6395, 39.9978,
14.5414

■ 71.4831, 77.5251,
105.8040

■ 37.7488, 37.3536,
10.4057

■ 73.4213, 81.4014,
106.4501

■ 36.1341, 34.9211,
7.4105

■ 75.4334, 85.4257,
107.1208

■ 34.7707, 32.6890,
5.4310

■ 77.5204, 89.5997,
107.8164

■ 33.6248, 30.6420,
4.2945

■ 78.4389, 91.4367,
108.1226

Harmonies

Analogous

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



55.0046, 56.7155, 56.4635



53.8998, 56.7155, 55.6833



52.8116, 56.7155, 56.4813

Triad

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



53.8998, 56.7155, 55.6833



52.0326, 56.7155, 64.9643



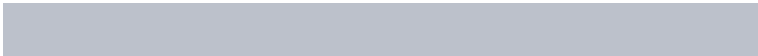
55.8314, 56.7155, 64.9306

Complementary

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



53.8998, 56.7155, 55.6833



50.5885, 53.1423, 64.0918

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.



55.0161, 56.7155, 67.3441



53.8998, 56.7155, 55.6833



52.8229, 56.7155, 67.3641

Square

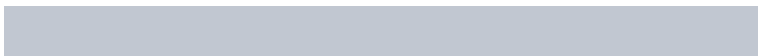
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.8998, 56.7155, 55.6833



51.7429, 56.7155, 61.7724



53.9130, 56.7155, 68.2496



56.1293, 56.7155, 61.7347

Rectangle

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



53.8998, 56.7155, 55.6833



52.2396, 56.7155, 57.8175



53.9130, 56.7155, 68.2496



55.6082, 56.7155, 65.8643

Sweetspot

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



53.9014, 56.7180, 55.6845



93.7001, 98.5968, 104.4528



52.2382, 52.5140, 57.8358



20.0699, 21.1186, 22.4038



0.0000, 0.0000, 0.0000



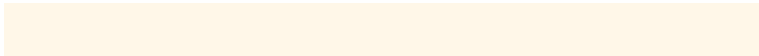
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9014, 56.7180, 55.6845



89.1822, 93.8283, 89.7914



54.3870, 58.6918, 56.0399



11.8268, 12.4425, 11.8577



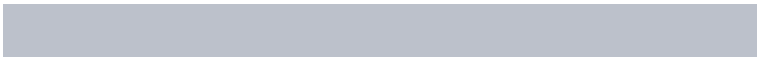
21.3079, 19.3488, 2.6116



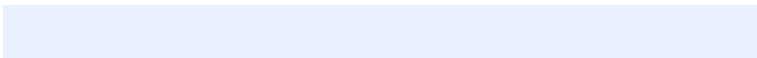
1.1672, 1.1341, 0.1574

Inverse Universe

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



50.5885, 53.1423, 64.0918



82.4151, 86.5246, 106.9649



50.1238, 51.2907, 63.7589



10.9020, 11.4444, 14.2048



8.2362, 5.4963, 36.5831



0.4945, 0.4228, 1.9105

Previews

White Background



This preview shows how the XYZ color 53.8998, 56.7155, 55.6833 looks on a white background.

Color Contrast Check

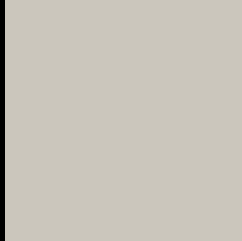
Large Text (above 18pt) WCAG AA × Fail

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 53.8998, 56.7155, 55.6833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

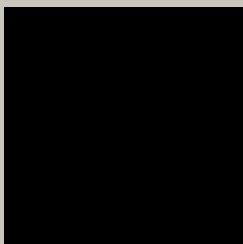
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

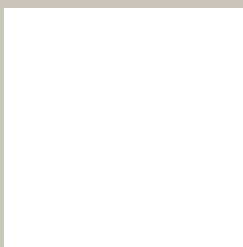
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8998, 56.7155, 55.6833

Background



This preview shows how black text looks on a background with the XYZ color 53.8998, 56.7155, 55.6833.

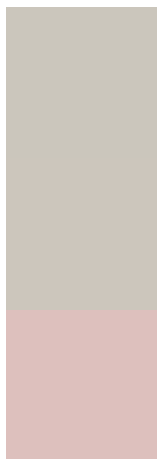


This preview shows how white text looks on a background with the XYZ color 53.8998, 56.7155,

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

53.8998, 56.7155, 55.6833

Protanopia

54.1730, 56.8564, 55.6961

Deuteranopia

57.8537, 56.7455, 56.0479



Tritanopia

56.6016, 56.8052, 68.9540

Trichromacy



Original Color

53.8998, 56.7155, 55.6833

Protanomaly

54.1730, 56.8564, 55.6961

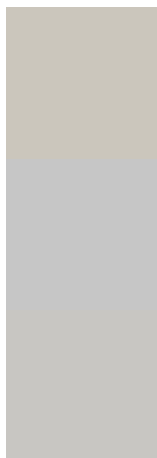
Deuteranomaly

56.2087, 56.5538, 56.0976

Tritanomaly

55.5774, 56.7233, 63.8966

Monochromacy



Original Color

53.8998, 56.7155, 55.6833

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.7511, 56.5626, 59.1236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8998, 56.7155, 55.6833 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(203, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(203, 198, 188)  
}
```

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(203, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 198, 188) }
```

Border

The CSS property to change the border of an element to XYZ 53.8998, 56.7155, 55.6833 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(203, 198, 188) }
```


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

```
.border{ border-color:rgb(203, 198, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 198, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 198, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 198, 188);  
box-shadow:4px 4px 4px 4px rgb(203, 198,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8998, 56.7155, 55.6833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 198, 188) }
```

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

```
.background{ background-color: rgb(203,  
198, 188) }
```

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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