

Converting Colors

XYZ(53.3757, 54.9284, 56.0358)

Have a look what the booklet for
XYZ(53.3757, 54.9284, 56.0358)
contains.

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Color

**XYZ(53.3789, 55.0951,
55.9652)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC2BD
RGB	204, 194, 189
RGB Percent	80%, 76%, 74%
CMY	0.2000, 0.2392, 0.2588
CMYK	0.00, 0.05, 0.07, 0.20
HSL	20°, 13%, 77%
HSV	20°, 7%, 80%
XYZ	53.3789, 55.0951, 55.9652
YIQ	196.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

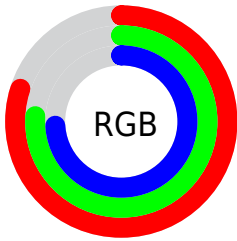
Format	Color
RYB	204, 197, 189
Decimal	13419197
CIELab	79.10, 2.63, 3.75
CIELCh	79, 4.579, 55.013
Yxy	55.0951, 0.3246, 0.3350
Android (android.graphics.Color)	4291609277 (0xFFCCC2BD)
YUV	196.4200, -3.6581, 6.6477
Hunter-Lab	74.2261, -1.5292, 7.2546

Details

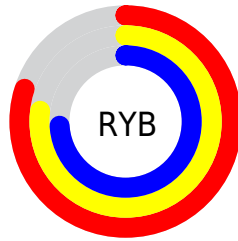
The XYZ color **53.3789, 55.0951, 55.9652** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3086, 56.0242, 65.1840**, and the grayscale version is **52.7409, 55.4876, 60.4260**.

A 20% lighter version of the original color is **91.9070, 96.2238, 100.1152**, and **26.3997, 27.0178, 27.1161** is the 20% darker color. If you saturate the color by 10%, you get **48.4303, 48.4955, 44.1482**, and if you desaturate by 10%, it is **58.9189, 62.3777, 69.5173**.

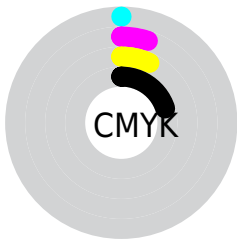
Distribution



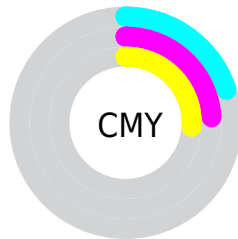
- Red (80%)
- Green (76%)
- Blue (74%)



- Red (80%)
- Yellow (77%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3789, 55.0951, 55.9652 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 53.3789, 55.0951, 55.9652 by changing the saturation by 10% instead.

■ 53.3789, 55.0951,
55.9652

■ 53.3789, 55.0951,
55.9652

389.9742,
406.2723, 426.9450

■ 38.3340, 39.4779,
39.7712

■ 94.3239, 97.6803,
100.4390

■ 26.4204, 27.1317,
27.0478

120.9548,
125.4170, 129.5559

■ 17.2728, 17.6721,
17.3764

152.1784,
157.9624, 163.8174

■ 10.5257, 10.7149,
10.3384

188.3600,
195.7007, 203.6423

■ 5.8138, 5.8754,
5.5154

229.8650,
239.0165, 249.4489

■ 2.7718, 2.7695,
2.4887

277.0589,

■ 1.0342, 1.0126,

288.2941, 301.6559

0.8342

330.3068,
343.9179, 360.6817

■ 0.0000, 0.0000,
0.0000

■ 53.3789, 55.0951,
55.9652

■ 53.3789, 55.0951,
55.9652

■ 48.4303, 48.4955,
44.1482

■ 58.9189, 62.3777,
69.5173

■ 44.0482, 42.5519,
33.9923

■ 65.0650, 70.3553,
84.8676

■ 40.2127, 37.2456,
25.4232

■ 71.8371, 79.0484,
102.0800

■ 36.9006, 32.5545,
18.3596

■ 76.6377, 87.4288,
107.4439

■ 34.0872, 28.4553,
12.7129

■ 78.7120, 91.5775,
108.1354

■ 31.7457, 24.9228,
8.3851

■ 29.8460, 21.9300,
5.2654

■ 28.3542, 19.4471,
3.2249

■ 27.2266, 17.4392,
2.0862

Harmonies

Analogous

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



53.9726, 55.0951, 57.8892



53.3789, 55.0951, 55.9652



52.5189, 55.0951, 55.1205

Triad

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



53.3789, 55.0951, 55.9652



50.6374, 55.0951, 59.5534



53.1117, 55.0951, 64.6598

Complementary

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



53.3789, 55.0951, 55.9652



52.3086, 56.0242, 65.1840

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.



52.2138, 55.0951, 65.1365



53.3789, 55.0951, 55.9652



50.7920, 55.0951, 62.1394

Square

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



53.3789, 55.0951, 55.9652



50.9417, 55.0951, 57.1534



51.3665, 55.0951, 64.2016



53.8171, 55.0951, 62.9173

Rectangle

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



53.3789, 55.0951, 55.9652



51.9130, 55.0951, 55.2648



51.3665, 55.0951, 64.2016



52.8221, 55.0951, 64.9755

Sweetspot

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



53.3804, 55.0975, 55.9664



93.1650, 97.5265, 104.2745



53.4089, 53.3569, 61.5174



19.9609, 20.9007, 22.3675



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.



53.3804, 55.0975, 55.9664



86.8862, 89.2362, 89.0261



55.0911, 58.5189, 56.5366



11.5130, 11.8150, 11.7532



17.0537, 10.8403, 1.1936



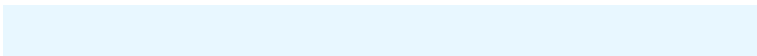
0.9495, 0.6986, 0.0848

Inverse Universe

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



52.3086, 56.0242, 65.1840



84.7110, 91.1163, 107.7302



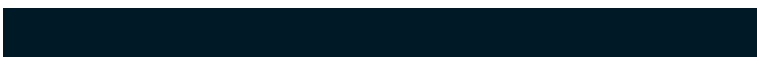
50.6261, 52.6593, 64.6232



11.2157, 12.0719, 14.3094



12.4854, 13.9948, 37.9995



0.7121, 0.8580, 1.9830

Previews

White Background



This preview shows how the XYZ color 53.3789, 55.0951, 55.9652 looks on a white background.

Color Contrast Check

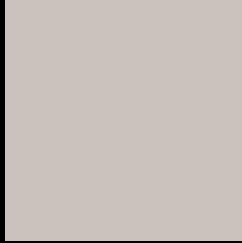
Large Text (above 18pt) WCAG AA × Fail

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 53.3789, 55.0951, 55.9652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

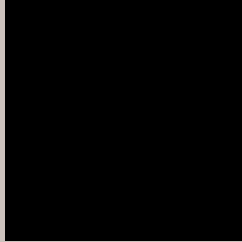
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

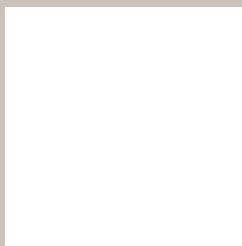
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3789, 55.0951, 55.9652

Background



This preview shows how black text looks on a background with the XYZ color 53.3789, 55.0951, 55.9652.



This preview shows how white text looks on a background with the XYZ color 53.3789, 55.0951,

55.9652.

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

53.3789, 55.0951, 55.9652

Protanopia

52.8968, 55.1654, 56.5752

Deuteranopia

56.1071, 54.8646, 56.3480



Tritanopia

55.2250, 54.8396, 66.0670

Trichromacy



Original Color

53.3789, 55.0951, 55.9652

Protanomaly

53.1665, 55.3045, 56.5879

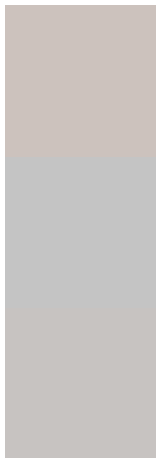
Deuteranomaly

55.0764, 54.9764, 56.4239

Tritanomaly

54.4518, 54.8485, 62.3605

Monochromacy



Original Color

53.3789, 55.0951, 55.9652

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6939, 55.0226, 58.2952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3789, 55.0951, 55.9652 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(204, 194, 189)` looks like.

```
.text, #text, p{  
    color:rgb(204, 194, 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(204, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 194, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.3789, 55.0951, 55.9652 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(204, 194, 189) }
```


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

```
.border{ border-color:rgb(204, 194, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(204, 194,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3789, 55.0951, 55.9652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 194, 189) }
```

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

```
.background{ background-color: rgb(204,  
194, 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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