

Converting Colors

XYZ(53.2806, 54.9626, 55.4897)

Have a look what the booklet for
XYZ(53.2806, 54.9626, 55.4897)
contains.

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Color

**XYZ(53.2707, 55.0518,
55.3953)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC2BC
RGB	204, 194, 188
RGB Percent	80%, 76%, 74%
CMY	0.2000, 0.2392, 0.2627
CMYK	0.00, 0.05, 0.08, 0.20
HSL	23°, 14%, 77%
HSV	23°, 8%, 80%
XYZ	53.2707, 55.0518, 55.3953
YIQ	196.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

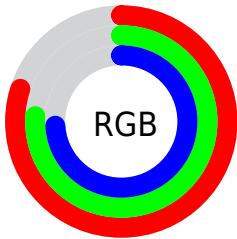
Format	Color
RYB	204, 198, 188
Decimal	13419196
CIELab	79.07, 2.45, 4.25
CIELCh	79, 4.911, 60.022
Yxy	55.0518, 0.3254, 0.3363
Android (android.graphics.Color)	4291609276 (0xFFCCC2BC)
YUV	196.3060, -4.0949, 6.7476
Hunter-Lab	74.1969, -1.6880, 7.6720

Details

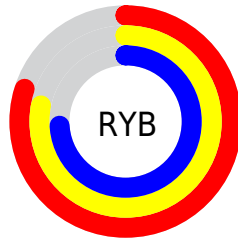
The XYZ color **53.2707, 55.0518, 55.3953** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8320, 55.4381, 65.0961**, and the grayscale version is **52.6748, 55.4180, 60.3502**.

A 20% lighter version of the original color is **91.7547, 96.1629, 99.3132**, and **26.3289, 26.9895, 26.7435** is the 20% darker color. If you saturate the color by 10%, you get **48.5096, 48.8034, 43.7146**, and if you desaturate by 10%, it is **58.5890, 61.9160, 68.7968**.

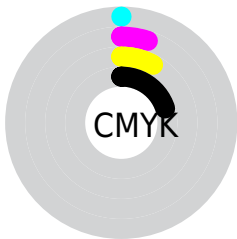
Distribution



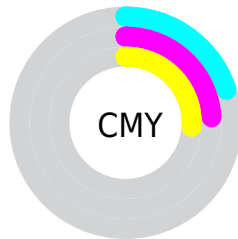
- Red (80%)
- Green (76%)
- Blue (74%)



- Red (80%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2707, 55.0518, 55.3953 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 53.2707, 55.0518, 55.3953 by changing the saturation by 10% instead.

■ 53.2707, 55.0518,
55.3953

■ 53.2707, 55.0518,
55.3953

389.5667,
406.1083, 424.7327

■ 38.2473, 39.4432,
39.3176

■ 94.1658, 97.6168,
99.5968

■ 26.3527, 27.1047,
26.6971

120.7681,
125.3421, 128.5577

■ 17.2218, 17.6519,
17.1155

151.9608,
157.8750, 162.6501

■ 10.4890, 10.7003,
10.1540

188.1091,
195.5999, 202.2924

■ 5.7891, 5.8657,
5.3943

229.5786,
238.9013, 247.9033

■ 2.7567, 2.7636,
2.4176

276.7344,

■ 1.0265, 1.0096,

288.1636, 299.9013

0.7960

329.9420,
343.7711, 358.7050

■ 0.0000, 0.0000,
0.0000

■ 53.2707, 55.0518,
55.3953

■ 53.2707, 55.0518,
55.3953

■ 48.5096, 48.8034,
43.7146

■ 58.5890, 61.9160,
68.7968

■ 44.2822, 43.1461,
33.6807

■ 64.4781, 69.4054,
83.9817

■ 40.5698, 38.0643,
25.2197

■ 70.9567, 77.5383,
101.0140

■ 37.3507, 33.5388,
18.2503

■ 75.6001, 85.3535,
107.0981

■ 34.6017, 29.5491,
12.6841

■ 78.7121, 91.5775,
108.1354

■ 32.2975, 26.0736,
8.4232

■ 30.4098, 23.0888,
5.3567

■ 28.9064, 20.5688,
3.3551

■ 27.7438, 18.4824,
2.2316

Harmonies

Analogous

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



53.9708, 55.0518, 57.2867



53.2707, 55.0518, 55.3953



52.3244, 55.0518, 54.7143

Triad

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



53.2707, 55.0518, 55.3953



50.4663, 55.0518, 59.9441



53.2720, 55.0518, 64.7289

Complementary

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



53.2707, 55.0518, 55.3953



51.8320, 55.4381, 65.0961

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.



52.3258, 55.0518, 65.4927



53.2707, 55.0518, 55.3953



50.7131, 55.0518, 62.6782

Square

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



53.2707, 55.0518, 55.3953



50.7124, 55.0518, 57.2901



51.3907, 55.0518, 64.7310



53.9716, 55.0518, 62.6746

Rectangle

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



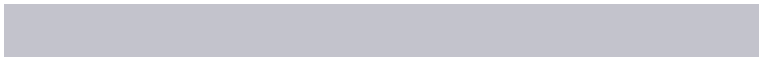
53.2707, 55.0518, 55.3953



51.6836, 55.0518, 55.0212



51.3907, 55.0518, 64.7310



52.9718, 55.0518, 65.1479

Sweetspot

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



53.2722, 55.0542, 55.3965



93.2316, 97.6597, 104.2967



53.0941, 52.8879, 60.9174



19.9745, 20.9278, 22.3720



0.0000, 0.0000, 0.0000



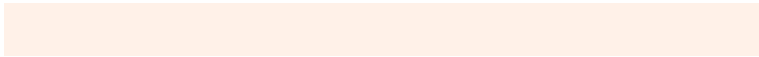
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2722, 55.0542, 55.3965



87.1679, 89.7996, 89.1200



55.0688, 58.6473, 55.9953



11.5515, 11.8919, 11.7660



17.4069, 11.5467, 1.3113



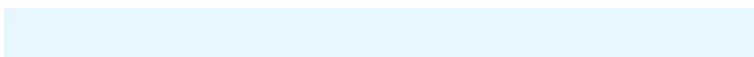
0.9704, 0.7405, 0.0918

Inverse Universe

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



51.8320, 55.4381, 65.0961



84.4189, 90.5321, 107.6328



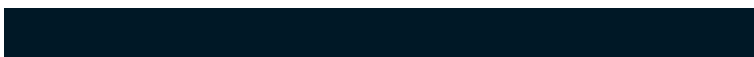
50.0812, 51.9365, 64.5125



11.1758, 11.9920, 14.2960



11.7655, 12.5550, 37.7595



0.6784, 0.7906, 1.9718

Previews

White Background



This preview shows how the XYZ color 53.2707, 55.0518, 55.3953 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 53.2707, 55.0518, 55.3953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

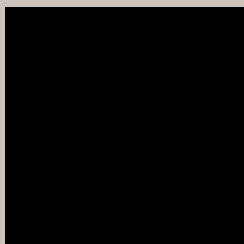
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

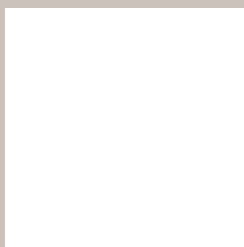
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2707, 55.0518, 55.3953

Background



This preview shows how black text looks on a background with the XYZ color 53.2707, 55.0518, 55.3953.

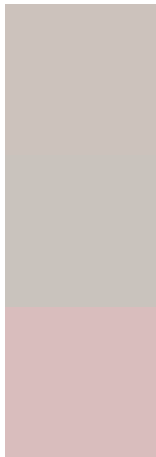


This preview shows how white text looks on a background with the XYZ color 53.2707, 55.0518,

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

53.2707, 55.0518, 55.3953

Protanopia

52.7878, 55.1218, 56.0015

Deuteranopia

55.9982, 54.8210, 55.7742



Tritanopia

55.5035, 54.9832, 66.0800

Trichromacy



Original Color

53.2707, 55.0518, 55.3953

Protanomaly

53.0575, 55.2609, 56.0141

Deuteranomaly

54.9675, 54.9328, 55.8501

Tritanomaly

54.6120, 54.9446, 61.7598

Monochromacy



Original Color

53.2707, 55.0518, 55.3953

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 53.2707, 55.0518, 55.3953 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, 188) looks like.

```
.text, #text, p{  
    color:rgb(204, 194, 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(204, 194, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 194, 188) }
```

Border

The CSS property to change the border of an element to XYZ 53.2707, 55.0518, 55.3953 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, 188) }
```


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

```
.border{ border-color:rgb(204, 194, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 194, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 194, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 194,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2707, 55.0518, 55.3953 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, 188) }
```

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

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