

Converting Colors

XYZ(53.7241, 55.1580, 55.7894)

Have a look what the booklet for
XYZ(53.7241, 55.1580, 55.7894)
contains.

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Color

**XYZ(53.9307, 55.3795,
55.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC2BD
RGB	206, 194, 189
RGB Percent	81%, 76%, 74%
CMY	0.1922, 0.2392, 0.2588
CMYK	0.00, 0.06, 0.08, 0.19
HSL	18°, 15%, 77%
HSV	18°, 8%, 81%
XYZ	53.9307, 55.3795, 55.9910
YIQ	197.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

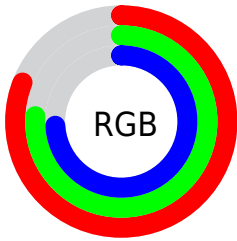
Format	Color
R _Y B	206, 196, 189
Decimal	13550269
CIE Lab	79.26, 3.34, 4.01
CIE LCh	79, 5.216, 50.214
Yxy	55.3795, 0.3263, 0.3350
Android (android.graphics.Color)	4291740349 (0xFFCEC2BD)
YUV	197.0180, -3.9529, 7.8772
Hunter-Lab	74.4174, -0.8705, 7.4829

Details

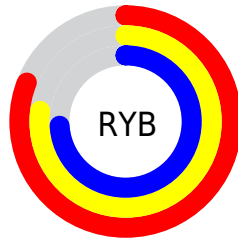
The XYZ color **53.9307, 55.3795, 55.9910** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0134, 57.0474, 66.6103**, and the grayscale version is **53.1025, 55.8680, 60.8402**.

A 20% lighter version of the original color is **91.9070, 96.2238, 100.1152**, and **26.7709, 27.2091, 27.1335** is the 20% darker color. If you saturate the color by 10%, you get **48.7733, 48.3923, 44.0121**, and if you desaturate by 10%, it is **59.7254, 63.1317, 69.7506**.

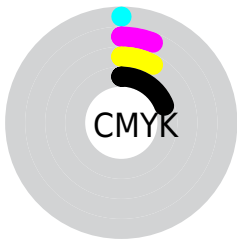
Distribution



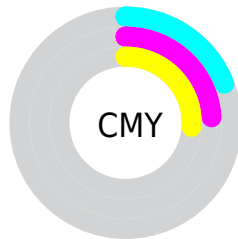
- Red (81%)
- Green (76%)
- Blue (74%)



- Red (81%)
- Yellow (77%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9307, 55.3795, 55.9910 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 53.9307, 55.3795, 55.9910 by changing the saturation by 10% instead.

■ 53.9307, 55.3795,
55.9910

■ 53.9307, 55.3795,
55.9910

392.0484,
407.3489, 427.0449

■ 38.7767, 39.7056,
39.7918

■ 95.1300, 98.0968,
100.4771

■ 26.7660, 27.3091,
27.0637

121.9060,
125.9090, 129.6010

■ 17.5332, 17.8055,
17.3882

153.2867,
158.5360, 163.8702

■ 10.7131, 10.8104,
10.3468

189.6375,
196.3624, 203.7033

■ 5.9401, 5.9395,
5.5209

231.3237,
239.7725, 249.5188

■ 2.8490, 2.8083,
2.4920

278.7106,

■ 1.0744, 1.0325,

289.1507, 301.7352

0.8359

332.1638,
344.8813, 360.7711

■ 0.0036, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9307, 55.3795,
55.9910

■ 53.9307, 55.3795,
55.9910

■ 48.7733, 48.3923,
44.0121

■ 59.7254, 63.1317,
69.7506

■ 44.2262, 42.1393,
33.7373

■ 66.1739, 71.6639,
85.3563

■ 40.2672, 36.5983,
25.0893

■ 73.2979, 80.9999,
102.8744

■ 36.8709, 31.7433,
17.9839

■ 78.3622, 90.0585,
107.8606

■ 34.0101, 27.5467,
12.3288

■ 79.2639, 91.8620,
108.1612

■ 31.6549, 23.9787,
8.0221

■ 29.7723, 21.0071,
4.9481

■ 28.3247, 18.5964,
2.9717

■ 27.2607, 16.7041,
1.8908

Harmonies

Analogous

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



54.5415, 55.3795, 58.3355



53.9307, 55.3795, 55.9910



52.9782, 55.3795, 54.8127

Triad

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



53.9307, 55.3795, 55.9910



50.6844, 55.3795, 59.3277



53.3327, 55.3795, 65.8523

Complementary

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



53.9307, 55.3795, 55.9910



53.0134, 57.0474, 66.6103

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.



52.2963, 55.3795, 66.1393



53.9307, 55.3795, 55.9910



50.7765, 55.3795, 62.3058

Square

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



53.9307, 55.3795, 55.9910



51.1101, 55.3795, 56.6967



51.3633, 55.3795, 64.8222



54.1931, 55.3795, 64.0505

Rectangle

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



53.9307, 55.3795, 55.9910



52.2816, 55.3795, 54.8197



51.3633, 55.3795, 64.8222



52.9931, 55.3795, 66.1314

Sweetspot

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



53.9322, 55.3819, 55.9922



93.1023, 97.4011, 104.2536



54.2161, 53.7435, 62.8882



19.9482, 20.8751, 22.3632



0.0000, 0.0000, 0.0000



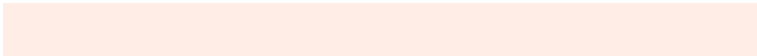
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9322, 55.3819, 55.9922



85.7386, 87.5166, 86.8688



55.8345, 59.1865, 56.6263



11.4769, 11.7428, 11.7411



16.7629, 10.2587, 1.0966



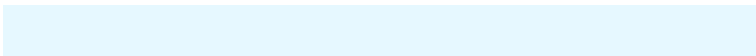
0.9312, 0.6622, 0.0787

Inverse Universe

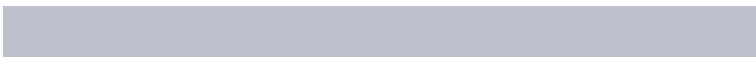
The Inverse Universe completely reimagines the original color for something new.



53.0134, 57.0474, 66.6103



83.9351, 90.7848, 107.7071



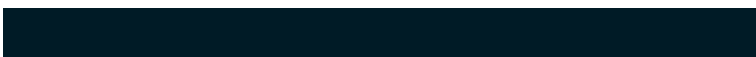
51.1277, 53.2760, 65.9817



11.2536, 12.1476, 14.3220



13.2172, 15.4583, 38.2434



0.7456, 0.9251, 1.9942

Previews

White Background



This preview shows how the XYZ color 53.9307, 55.3795, 55.9910 looks on a white background.

Color Contrast Check

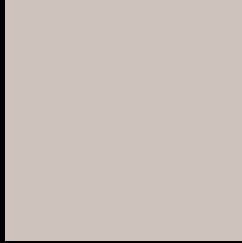
Large Text (above 18pt) WCAG AA × Fail

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 53.9307, 55.3795, 55.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

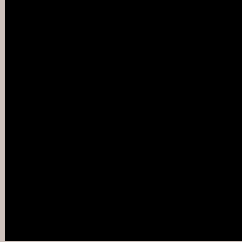
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9307, 55.3795, 55.9910

Background



This preview shows how black text looks on a background with the XYZ color 53.9307, 55.3795, 55.9910.



This preview shows how white text looks on a background with the XYZ color 53.9307, 55.3795,

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

53.9307, 55.3795, 55.9910

Protanopia

52.8968, 55.1654, 56.5752

Deuteranopia

56.6212, 55.4500, 56.4339



Tritanopia

55.7838, 55.1277, 66.0931

Trichromacy



Original Color

53.9307, 55.3795, 55.9910

Protanomaly

53.4380, 55.4444, 56.6006

Deuteranomaly

55.6566, 55.2755, 56.4510

Tritanomaly

55.0071, 55.1348, 62.3865

Monochromacy



Original Color

53.9307, 55.3795, 55.9910

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.2969, 55.6543, 58.9722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9307, 55.3795, 55.9910 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(206, 194, 189) looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 194, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.9307, 55.3795, 55.9910 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(206, 194, 189) }
```


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

```
.border{ border-color:rgb(206, 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(206, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(206, 194,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9307, 55.3795, 55.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 194, 189) }
```

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

```
.background{ background-color: rgb(206,  
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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