

Converting Colors

XYZ(54.2010, 55.9727, 51.6908)

Have a look what the booklet for
XYZ(54.2010, 55.9727, 51.6908)
contains.

XYZ(54.1501, 55.9217, 51.6560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.1501, 55.9217,
51.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C3B5
RGB	209, 195, 181
RGB Percent	82%, 76%, 71%
CMY	0.1804, 0.2353, 0.2902
CMYK	0.00, 0.07, 0.13, 0.18
HSL	30°, 23%, 76%
HSV	30°, 13%, 82%
XYZ	54.1501, 55.9217, 51.6560
YIQ	197.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

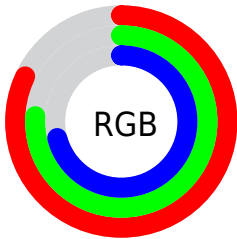
Format	Color
R _Y B	209, 209, 181
Decimal	13747125
CIE Lab	79.57, 2.56, 8.79
CIE LCh	80, 9.155, 73.744
Yxy	55.9217, 0.3348, 0.3458
Android (android.graphics.Color)	4291937205 (0xFFD1C3B5)
YUV	197.5900, -8.1789, 10.0066
Hunter-Lab	74.7808, -1.6114, 11.3911

Details

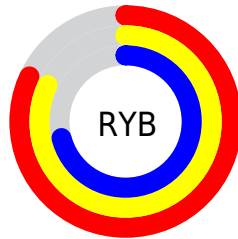
The XYZ color **54.1501, 55.9217, 51.6560** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0796, 53.4564, 68.0008**, and the grayscale version is **53.4716, 56.2562, 61.2630**.

A 20% lighter version of the original color is **91.3365, 96.9952, 94.0288**, and **26.7476, 27.4783, 24.3162** is the 20% darker color. If you saturate the color by 10%, you get **49.9054, 50.6103, 40.4427**, and if you desaturate by 10%, it is **58.8834, 61.6944, 64.6207**.

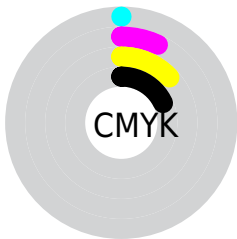
Distribution



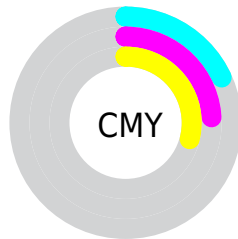
- Red (82%)
- Green (76%)
- Blue (71%)



- Red (82%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1501, 55.9217, 51.6560 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 54.1501, 55.9217, 51.6560 by changing the saturation by 10% instead.

■ 54.1501, 55.9217,
51.6560

■ 54.1501, 55.9217,
51.6560

392.8711,
409.3964, 410.0262

■ 38.9528, 40.1401,
36.3506

■ 95.4502, 98.8901,
94.0451

■ 26.9036, 27.6478,
24.4133

122.2837,
126.8457, 121.9659

■ 17.6370, 18.0604,
15.4254

153.7267,
159.6281, 154.9290

■ 10.7878, 10.9933,
8.9686

190.1446,
197.6218, 193.3527

■ 5.9906, 6.0624,
4.6242

231.9026,
241.2110, 237.6558

■ 2.8800, 2.8830,
1.9736

279.3661,

■ 1.0906, 1.0710,

290.7803, 288.2567

0.5390

332.9005,
346.7139, 345.5740

■ 0.0172, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1501, 55.9217,
51.6560

■ 54.1501, 55.9217,
51.6560

■ 49.9054, 50.6103,
40.4427

■ 58.8834, 61.6944,
64.6207

■ 46.1271, 45.7403,
30.9009

■ 64.1174, 67.9326,
79.4049

■ 42.7980, 41.3013,
22.9498

■ 69.8693, 74.6503,
96.0771

■ 39.8979, 37.2794,
16.5004

■ 74.5692, 81.2244,
106.3554

■ 37.4046, 33.6600,
11.4547

■ 77.6792, 87.4443,
107.3921

■ 35.2939, 30.4271,
7.7032

■ 80.1047, 92.2954,
108.2006

■ 33.5379, 27.5634,
5.1196

■ 32.1039, 25.0491,
3.5513

■ 31.2985, 23.5630,
2.8985

Harmonies

Analogous

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



55.7535, 55.9217, 54.1376



54.1501, 55.9217, 51.6560



52.3143, 55.9217, 51.5529

Triad

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



54.1501, 55.9217, 51.6560



49.7833, 55.9217, 63.3326



55.6402, 55.9217, 68.5198

Complementary

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



54.1501, 55.9217, 51.6560



50.0796, 53.4564, 68.0008

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.



53.9984, 55.9217, 71.2897



54.1501, 55.9217, 51.6560



50.6326, 55.9217, 68.1801

Square

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



54.1501, 55.9217, 51.6560



49.8217, 55.9217, 58.0921



52.1660, 55.9217, 71.1619



56.6272, 55.9217, 63.7747

Rectangle

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



54.1501, 55.9217, 51.6560



51.2075, 55.9217, 52.8336



52.1660, 55.9217, 71.1619



55.1449, 55.9217, 69.7247

Sweetspot

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



54.1516, 55.9242, 51.6572



91.8459, 96.1503, 99.9443



52.6694, 50.5440, 58.6104



19.5329, 20.4280, 21.0429



0.0000, 0.0000, 0.0000



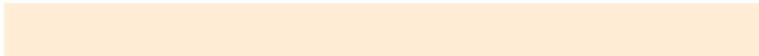
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1516, 55.9242, 51.6572



82.9987, 85.3164, 75.8455



57.4361, 62.4931, 52.7520



12.2902, 12.7711, 12.4293



19.3962, 14.7254, 1.8200



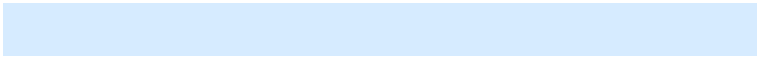
1.1639, 0.9821, 0.1282

Inverse Universe

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



50.0796, 53.4564, 68.0008



75.4323, 80.7309, 106.2147



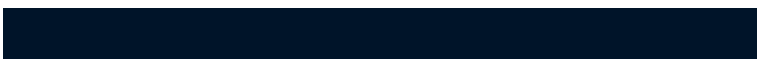
47.0893, 47.4758, 67.0040



11.6449, 12.3800, 15.0195



10.2760, 9.1987, 38.4264



0.6539, 0.6730, 2.1750

Previews

White Background



This preview shows how the XYZ color 54.1501, 55.9217, 51.6560 looks on a white background.

Color Contrast Check

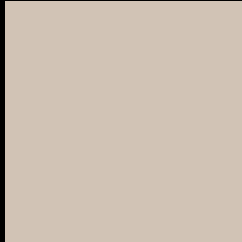
Large Text (above 18pt) WCAG AA × Fail

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 54.1501, 55.9217, 51.6560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

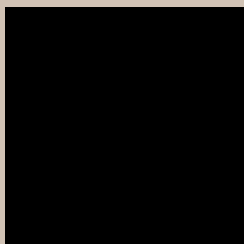
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

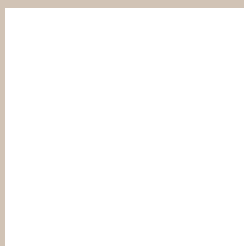
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1501, 55.9217, 51.6560

Background



This preview shows how black text looks on a background with the XYZ color 54.1501, 55.9217, 51.6560.



This preview shows how white text looks on a background with the XYZ color 54.1501, 55.9217,

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

54.1501, 55.9217, 51.6560

Protanopia

53.0853, 55.6946, 52.2082

Deuteranopia

56.9812, 55.7339, 52.0105



Tritanopia

56.9228, 55.7149, 66.1464

Trichromacy



Original Color

54.1501, 55.9217, 51.6560

Protanomaly

53.6370, 55.9791, 52.2340

Deuteranomaly

55.9084, 55.8284, 52.0852

Tritanomaly

55.7916, 55.5794, 60.6107

Monochromacy



Original Color

54.1501, 55.9217, 51.6560

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8378, 56.2948, 57.8976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1501, 55.9217, 51.6560 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(209, 195, 181)` looks like.

```
.text, #text, p{  
    color:rgb(209, 195, 181)  
}
```

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(209, 195, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 195, 181) }
```

Border

The CSS property to change the border of an element to XYZ 54.1501, 55.9217, 51.6560 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(209, 195, 181) }
```


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

```
.border{ border-color:rgb(209, 195, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 195, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 195, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 195, 181);  
box-shadow:4px 4px 4px 4px rgb(209, 195,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1501, 55.9217, 51.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 195, 181) }
```

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

```
.background{ background-color: rgb(209,  
195, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor