

Converting Colors

XYZ(51.4675, 55.7616, 54.2528)

Have a look what the booklet for
XYZ(51.4675, 55.7616, 54.2528)
contains.

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Color

**XYZ(51.5345, 55.8614,
54.5205)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C7BA
RGB	194, 199, 186
RGB Percent	76%, 78%, 73%
CMY	0.2392, 0.2196, 0.2706
CMYK	0.03, 0.00, 0.07, 0.22
HSL	83°, 10%, 75%
HSV	83°, 7%, 78%
XYZ	51.5345, 55.8614, 54.5205
YIQ	196.0230, 1.1930, -5.1030

Conversions

Conversions Part 2

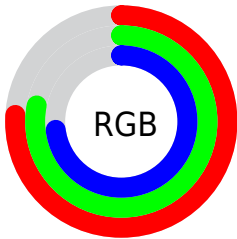
Format	Color
RYB	186, 199, 191
Decimal	12765114
CIELab	79.53, -4.07, 5.90
CIELCh	80, 7.168, 124.628
Yxy	55.8614, 0.3183, 0.3450
Android (android.graphics.Color)	4290955194 (0xFFC2C7BA)
YUV	196.0230, -4.9413, -1.7742
Hunter-Lab	74.7405, -7.7179, 9.0684

Details

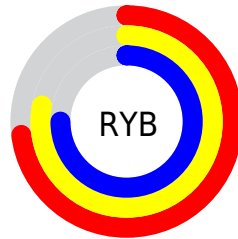
The XYZ color **51.5345, 55.8614, 54.5205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3557, 50.3192, 61.1471**, and the grayscale version is **52.5127, 55.2474, 60.1645**.

A 20% lighter version of the original color is **91.2114, 98.2548, 98.1621**, and **25.1743, 27.5197, 26.1753** is the 20% darker color. If you saturate the color by 10%, you get **47.6500, 54.0881, 44.0536**, and if you desaturate by 10%, it is **55.8181, 57.8096, 66.5465**.

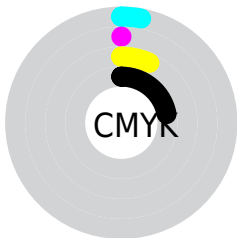
Distribution



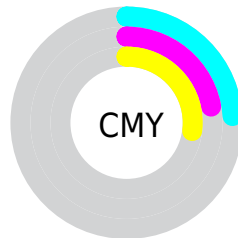
- Red (76%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (78%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5345, 55.8614, 54.5205 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 51.5345, 55.8614, 54.5205 by changing the saturation by 10% instead.

■ 51.5345, 55.8614,
54.5205

■ 51.5345, 55.8614,
54.5205

382.9904,
409.1690, 421.3223

■ 36.8569, 40.0918,
38.6219

■ 91.6227, 98.8019,
98.3022

■ 25.2699, 27.6101,
26.1602

117.7640,
126.7416, 127.0223

■ 16.4081, 18.0320,
16.7167

148.4572,
159.5068, 160.8535

■ 9.9060, 10.9729,
9.8729

184.0678,
197.4819, 200.2141

■ 5.3985, 6.0486,
5.2103

224.9611,
241.0512, 245.5227

■ 2.5201, 2.8747,
2.3103

271.5024,

■ 0.9054, 1.0667,

290.5993, 297.1980

0.7370

324.0570,
346.5104, 355.6583

■ 0.0000, 0.0000,
0.0000

■ 51.5345, 55.8614,
54.5205

■ 51.5345, 55.8614,
54.5205

■ 47.6500, 54.0881,
44.0536

■ 55.8181, 57.8096,
66.5465

■ 44.1463, 52.4769,
35.0783

■ 60.5091, 59.9308,
80.1880

■ 41.0105, 51.0243,
27.5275

■ 65.6212, 62.2325,
95.5033

■ 38.2270, 49.7237,
21.3277

■ 69.4114, 64.0176,
103.3060

■ 35.7791, 48.5683,
16.3987

■ 71.8475, 65.2735,
103.4200

■ 33.6482, 47.5505,
12.6520

■ 74.3920, 66.5852,
103.5391

■ 31.8137, 46.6619,
9.9874

■ 77.0463, 67.9536,
103.6633

■ 30.2517, 45.8926,
8.2884

■ 79.7146, 69.3291,
103.7882

■ 28.9316, 45.2303,
7.4035

Harmonies

Analogous

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



52.8712, 55.8614, 53.2469



51.5345, 55.8614, 54.5205



50.6285, 55.8614, 57.4840

Triad

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



51.5345, 55.8614, 54.5205



51.9153, 55.8614, 68.2844



55.9065, 55.8614, 60.1850

Complementary

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



51.5345, 55.8614, 54.5205



49.3557, 50.3192, 61.1471

Split Complementary

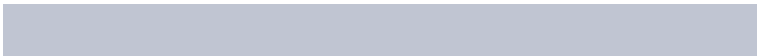
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.6395, 55.8614, 64.2900



51.5345, 55.8614, 54.5205



53.3186, 55.8614, 69.0869

Square

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



51.5345, 55.8614, 54.5205



50.8455, 55.8614, 65.4485



54.6858, 55.8614, 67.5946



55.4090, 55.8614, 56.4218

Rectangle

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



51.5345, 55.8614, 54.5205



50.3816, 55.8614, 60.0832



54.6858, 55.8614, 67.5946



55.9033, 55.8614, 61.5700

Sweetspot

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



51.5360, 55.8638, 54.5217



93.5213, 99.3055, 104.5991



51.0453, 52.9435, 53.9839



20.0335, 21.2628, 22.4335



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.



51.5360, 55.8638, 54.5217



89.1083, 97.2965, 92.3782



49.9082, 55.0246, 54.4455



11.1134, 12.2054, 11.3329



18.4326, 28.9977, 4.6256



0.9519, 1.4138, 0.2227

Inverse Universe

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



49.3557, 50.3192, 61.1471



84.4165, 85.3648, 106.6356



51.0225, 51.1784, 61.2251



10.4361, 10.4831, 13.3909



8.6659, 3.7017, 35.0021



0.4909, 0.2168, 1.6611

Previews

White Background



This preview shows how the XYZ color 51.5345, 55.8614, 54.5205 looks on a white background.

Color Contrast Check

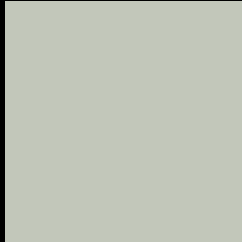
Large Text (above 18pt) WCAG AA × Fail

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 51.5345, 55.8614, 54.5205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

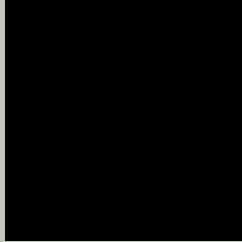
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

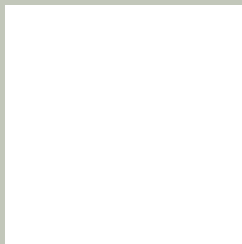
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5345, 55.8614, 54.5205

Background



This preview shows how black text looks on a background with the XYZ color 51.5345, 55.8614, 54.5205.



This preview shows how white text looks on a background with the XYZ color 51.5345, 55.8614,

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

51.5345, 55.8614, 54.5205

Protanopia

53.0203, 55.6371, 53.2920

Deuteranopia

56.7040, 55.5178, 55.3043



Tritanopia

54.5617, 55.7391, 69.5110

Trichromacy



Original Color

51.5345, 55.8614, 54.5205

Protanomaly

52.5426, 55.7146, 53.8836

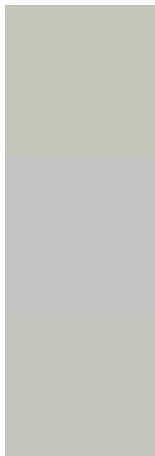
Deuteranomaly

54.6179, 55.4294, 54.8340

Tritanomaly

53.4266, 55.6144, 63.7959

Monochromacy



Original Color

51.5345, 55.8614, 54.5205

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.9864, 55.3404, 57.8110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5345, 55.8614, 54.5205 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(194, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 186)  
}
```

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(194, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.5345, 55.8614, 54.5205 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(194, 199, 186) }
```


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

```
.border{ border-color:rgb(194, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5345, 55.8614, 54.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 186) }
```

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

```
.background{ background-color: rgb(194,  
199, 186) }
```

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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