

Converting Colors

XYZ(51.2156, 55.4500, 55.1975)

Have a look what the booklet for
XYZ(51.2156, 55.4500, 55.1975)
contains.

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Color

**XYZ(51.1560, 55.3135,
54.9941)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C6BB
RGB	193, 198, 187
RGB Percent	76%, 78%, 73%
CMY	0.2431, 0.2235, 0.2667
CMYK	0.03, 0.00, 0.06, 0.22
HSL	87°, 9%, 75%
HSV	87°, 6%, 78%
XYZ	51.1560, 55.3135, 54.9941
YIQ	195.2510, 0.5510, -4.4810

Conversions

Conversions Part 2

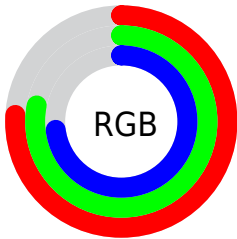
Format	Color
RYB	187, 198, 192
Decimal	12699323
CIELab	79.22, -3.72, 4.90
CIElCh	79, 6.154, 127.232
Yxy	55.3135, 0.3168, 0.3426
Android (android.graphics.Color)	4290889403 (0xFFC1C6BB)
YUV	195.2510, -4.0677, -1.9741
Hunter-Lab	74.3730, -7.3752, 8.2200

Details

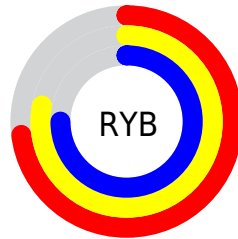
The XYZ color **51.1560, 55.3135, 54.9941** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7039, 50.8259, 60.6197**, and the grayscale version is **52.0460, 54.7564, 59.6297**.

A 20% lighter version of the original color is **91.0046, 98.1308, 98.9387**, and **25.0916, 27.2432, 26.4903** is the 20% darker color. If you saturate the color by 10%, you get **46.9551, 53.3777, 44.4849**, and if you desaturate by 10%, it is **55.7921, 57.4430, 67.0517**.

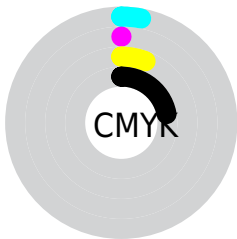
Distribution



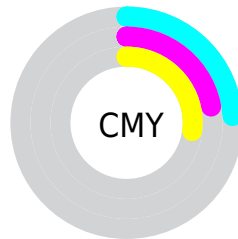
- Red (76%)
- Green (78%)
- Blue (73%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1560, 55.3135, 54.9941 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 51.1560, 55.3135, 54.9941 by changing the saturation by 10% instead.

■ 51.1560, 55.3135,
54.9941

■ 51.1560, 55.3135,
54.9941

381.5473,
407.0992, 423.1709

■ 36.5543, 39.6528,
38.9984

■ 91.0669, 98.0001,
99.0034

■ 25.0347, 27.2679,
26.4507

117.1069,
125.7948, 127.8541

■ 16.2318, 17.7745,
16.9323

147.6904,
158.4030, 161.8268

■ 9.7802, 10.7882,
10.0248

183.1827,
196.2090, 201.3402

■ 5.3146, 5.9246,
5.3096

223.9491,
239.5972, 246.8128

■ 2.4697, 2.7993,
2.3681

270.3552,

■ 0.8800, 1.0279,

288.9520, 298.6631

0.7690

322.7661,
344.6579, 357.3096

■ 0.0000, 0.0000,
0.0000

■ 51.1560, 55.3135,
54.9941

■ 51.1560, 55.3135,
54.9941

■ 46.9551, 53.3777,
44.4849

■ 55.7921, 57.4430,
67.0517

■ 43.1704, 51.6225,
35.4577

■ 60.8724, 59.7649,
80.7132

■ 39.7883, 50.0439,
27.8467

■ 66.4114, 62.2870,
96.0358

■ 36.7924, 48.6351,
21.5798

■ 70.5646, 64.2717,
103.2943

■ 34.1652, 47.3887,
16.5786

■ 73.5133, 65.7918,
103.4323

■ 31.8875, 46.2968,
12.7562

■ 76.6133, 67.3899,
103.5773

■ 29.9379, 45.3504,
10.0152

■ 79.4852, 68.8704,
103.7117

■ 28.2920, 44.5394,
8.2423

■ 26.9202, 43.8517,
7.2980

Harmonies

Analogous

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



52.2767, 55.3135, 53.7551



51.1560, 55.3135, 54.9941



50.4233, 55.3135, 57.6438

Triad

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



51.1560, 55.3135, 54.9941



51.6639, 55.3135, 66.6900



54.9548, 55.3135, 59.3785

Complementary

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



51.1560, 55.3135, 54.9941



49.7039, 50.8259, 60.6197

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.



54.7846, 55.3135, 62.8862



51.1560, 55.3135, 54.9941



52.8721, 55.3135, 67.1985

Square

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



51.1560, 55.3135, 54.9941



50.7134, 55.3135, 64.4182



54.0176, 55.3135, 65.7817



54.4792, 55.3135, 56.2216

Rectangle

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



51.1560, 55.3135, 54.9941



50.2470, 55.3135, 59.9005



54.0176, 55.3135, 65.7817



54.9714, 55.3135, 60.5547

Sweetspot

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



51.1575, 55.3159, 54.9953



93.3915, 99.2386, 104.5930



51.0991, 53.2730, 54.6041



20.0070, 21.2492, 22.4323



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.



51.1575, 55.3159, 54.9953



89.3843, 97.3960, 94.3240



49.7938, 54.6128, 54.9315



11.2205, 12.2508, 11.7829



17.2507, 28.3884, 4.5703



0.8995, 1.3868, 0.2203

Inverse Universe

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



49.7039, 50.8259, 60.6197



86.1273, 87.3359, 106.9259



51.1095, 51.5505, 60.6855



10.7881, 10.9153, 13.4558



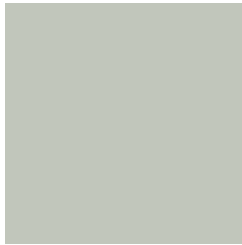
9.4697, 4.1161, 35.0397



0.5316, 0.2378, 1.6630

Previews

White Background



This preview shows how the XYZ color 51.1560, 55.3135, 54.9941 looks on a white background.

Color Contrast Check

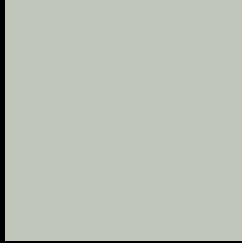
Large Text (above 18pt) WCAG AA × Fail

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 51.1560, 55.3135, 54.9941 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

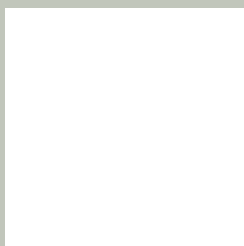
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1560, 55.3135, 54.9941

Background



This preview shows how black text looks on a background with the XYZ color 51.1560, 55.3135, 54.9941.



This preview shows how white text looks on a background with the XYZ color 51.1560, 55.3135,

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

51.1560, 55.3135, 54.9941

Protanopia

52.7352, 55.1319, 54.3165

Deuteranopia

56.5122, 55.4065, 55.8601



Tritanopia

54.1739, 55.5537, 68.8404

Trichromacy



Original Color

51.1560, 55.3135, 54.9941

Protanomaly

52.1560, 55.1671, 54.3538

Deuteranomaly

54.4416, 55.3261, 55.3866

Tritanomaly

53.1655, 55.4799, 63.7837

Monochromacy



Original Color

51.1560, 55.3135, 54.9941

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5025, 54.7550, 57.7235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1560, 55.3135, 54.9941 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(193, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 187)  
}
```

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(193, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 187) }
```

Border

The CSS property to change the border of an element to XYZ 51.1560, 55.3135, 54.9941 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(193, 198, 187) }
```


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

```
.border{ border-color:rgb(193, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1560, 55.3135, 54.9941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 187) }
```

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

```
.background{ background-color: rgb(193,  
198, 187) }
```

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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