

Converting Colors

XYZ(50.9143, 55.0590, 53.1613)

Have a look what the booklet for
XYZ(50.9143, 55.0590, 53.1613)
contains.

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Color

**XYZ(51.0939, 55.3182,
53.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C6B8
RGB	194, 198, 184
RGB Percent	76%, 78%, 72%
CMY	0.2392, 0.2235, 0.2784
CMYK	0.02, 0.00, 0.07, 0.22
HSL	77°, 11%, 75%
HSV	77°, 7%, 78%
XYZ	51.0939, 55.3182, 53.3319
YIQ	195.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

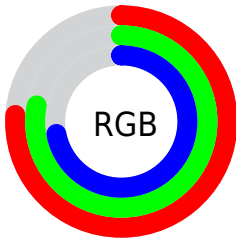
Format	Color
RYB	184, 198, 188
Decimal	12764856
CIELab	79.22, -3.90, 6.53
CIELCh	79, 7.602, 120.862
Yxy	55.3182, 0.3198, 0.3463
Android (android.graphics.Color)	4290954936 (0xFFC2C6B8)
YUV	195.2080, -5.5255, -1.0594
Hunter-Lab	74.3762, -7.5350, 9.5491

Details

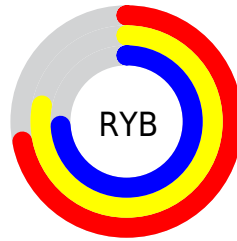
The XYZ color **51.0939, 55.3182, 53.3319** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0748, 49.0511, 60.3630**, and the grayscale version is **52.0281, 54.7376, 59.6092**.

A 20% lighter version of the original color is **90.9125, 98.1353, 96.5885**, and **24.8852, 27.1607, 25.4037** is the 20% darker color. If you saturate the color by 10%, you get **47.7369, 53.8125, 43.0880**, and if you desaturate by 10%, it is **54.7999, 56.9735, 65.1110**.

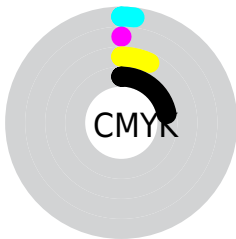
Distribution



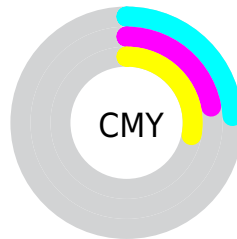
- Red (76%)
- Green (78%)
- Blue (72%)



- Red (72%)
- Yellow (78%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0939, 55.3182, 53.3319 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 51.0939, 55.3182, 53.3319 by changing the saturation by 10% instead.

■ 51.0939, 55.3182,
53.3319

■ 51.0939, 55.3182,
53.3319

381.3102,
407.1170, 416.6595

■ 36.5047, 39.6565,
37.6783

■ 90.9757, 98.0070,
96.5391

■ 24.9961, 27.2709,
25.4332

116.9990,
125.8030, 124.9297

■ 16.2029, 17.7767,
16.1781

147.5644,
158.4124, 158.4030

■ 9.7596, 10.7898,
9.4946

183.0373,
196.2199, 197.3776

■ 5.3009, 5.9257,
4.9640

223.7829,
239.6097, 242.2720

■ 2.4614, 2.7999,
2.1678

270.1667,

■ 0.8758, 1.0282,

288.9662, 293.5048

0.6557

322.5540,
344.6738, 351.4945

■ 0.0000, 0.0000,
0.0000

■ 51.0939, 55.3182,
53.3319

■ 51.0939, 55.3182,
53.3319

■ 47.7369, 53.8125,
43.0880

■ 54.7999, 56.9735,
65.1110

■ 44.7118, 52.4441,
34.3125

■ 58.8622, 58.7759,
78.4811

■ 42.0065, 51.2099,
26.9388

■ 63.2936, 60.7326,
93.5000

■ 39.6066, 50.1040,
20.8942

■ 66.7557, 62.3081,
103.1160

■ 37.4964, 49.1201,
16.0990

■ 68.4641, 63.1888,
103.1960

■ 35.6585, 48.2512,
12.4652

■ 70.2307, 64.0995,
103.2786

■ 34.0734, 47.4893,
9.8935

■ 72.0562, 65.0406,
103.3641

■ 32.7184, 46.8253,
8.2676

■ 73.9410, 66.0123,
103.4523

■ 31.5627, 46.2469,
7.4295

■ 75.8858, 67.0148,
103.5433

Harmonies

Analogous

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



52.5343, 55.3182, 52.2478



51.0939, 55.3182, 53.3319



50.0677, 55.3182, 56.2495

Triad

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



51.0939, 55.3182, 53.3319



51.1686, 55.3182, 67.8394



55.5537, 55.3182, 60.1063

Complementary

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



51.0939, 55.3182, 53.3319



48.0748, 49.0511, 60.3630

Split Complementary

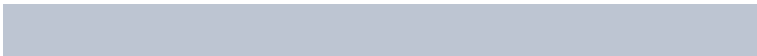
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.1715, 55.3182, 64.3984



51.0939, 55.3182, 53.3319



52.6223, 55.3182, 68.9910

Square

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



51.0939, 55.3182, 53.3319



50.1102, 55.3182, 64.6267



54.0912, 55.3182, 67.7032



55.1261, 55.3182, 56.0414

Rectangle

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



51.0939, 55.3182, 53.3319



49.7464, 55.3182, 58.9132



54.0912, 55.3182, 67.7032



55.5156, 55.3182, 61.5706

Sweetspot

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



51.0954, 55.3206, 53.3331



93.7052, 99.4003, 104.6077



49.9185, 51.4204, 52.6423



20.0709, 21.2821, 22.4353



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.



51.0954, 55.3206, 53.3331



89.8241, 97.6655, 92.4117



49.3493, 54.4204, 53.2514



11.2170, 12.2588, 11.3377



20.4066, 30.0153, 4.7180



1.0350, 1.4567, 0.2266

Inverse Universe

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



48.0748, 49.0511, 60.3630



83.7263, 85.0090, 106.6033



49.8325, 49.9572, 60.4453



10.3368, 10.4319, 13.3862



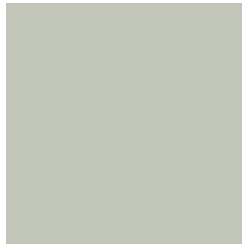
7.7857, 3.2479, 34.9609



0.4416, 0.1914, 1.6588

Previews

White Background



This preview shows how the XYZ color 51.0939, 55.3182, 53.3319 looks on a white background.

Color Contrast Check

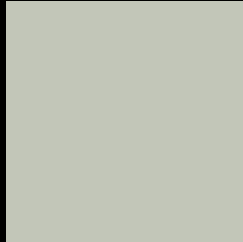
Large Text (above 18pt) WCAG AA × Fail

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 51.0939, 55.3182, 53.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

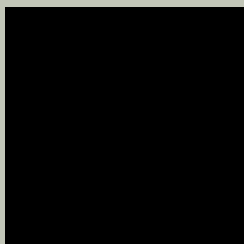
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0939, 55.3182, 53.3319

Background



This preview shows how black text looks on a background with the XYZ color 51.0939, 55.3182, 53.3319.



This preview shows how white text looks on a background with the XYZ color 51.0939, 55.3182,

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

51.0939, 55.3182, 53.3319

Protanopia

52.6910, 55.1456, 52.6668

Deuteranopia

56.2739, 55.0004, 54.1046



Tritanopia

54.2133, 55.2425, 68.7783

Trichromacy



Original Color

51.0939, 55.3182, 53.3319

Protanomaly

52.1066, 55.1781, 52.7039

Deuteranomaly

54.1849, 54.9037, 53.6406

Tritanomaly

53.0837, 55.1176, 63.0993

Monochromacy



Original Color

51.0939, 55.3182, 53.3319

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6496, 54.8435, 57.1539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0939, 55.3182, 53.3319 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, 198, 184)` looks like.

```
.text, #text, p{  
    color:rgb(194, 198, 184)  
}
```

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, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 184) }
```

Border

The CSS property to change the border of an element to XYZ 51.0939, 55.3182, 53.3319 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, 198, 184) }
```


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

```
.border{ border-color:rgb(194, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 184);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0939, 55.3182, 53.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 184) }
```

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

```
.background{ background-color: rgb(194,  
198, 184) }
```

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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