

Converting Colors

XYZ(51.3557, 55.0096, 61.2447)

Have a look what the booklet for
XYZ(51.3557, 55.0096, 61.2447)
contains.

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Color

**XYZ(51.3945, 54.9569,
61.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC5C6
RGB	190, 197, 198
RGB Percent	75%, 77%, 78%
CMY	0.2549, 0.2274, 0.2235
CMYK	0.04, 0.01, 0.00, 0.22
HSL	187°, 7%, 76%
HSV	187°, 4%, 78%
XYZ	51.3945, 54.9569, 61.3250
YIQ	195.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

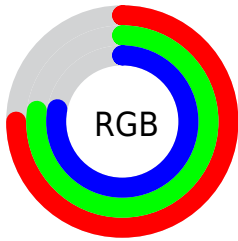
Format	Color
RYB	190, 194, 198
Decimal	12502470
CIELab	79.02, -2.21, -1.35
CIElCh	79, 2.586, 211.349
Yxy	54.9569, 0.3065, 0.3278
Android (android.graphics.Color)	4290692550 (0xFFBEC5C6)
YUV	195.0210, 1.4686, -4.4034
Hunter-Lab	74.1329, -5.9830, 2.8466

Details

The XYZ color **51.3945, 54.9569, 61.3250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2138, 52.9845, 56.2438**, and the grayscale version is **51.8790, 54.5808, 59.4385**.

A 20% lighter version of the original color is **91.4978, 97.6965, 108.6426**, and **25.1730, 26.9769, 30.2659** is the 20% darker color. If you saturate the color by 10%, you get **46.2260, 51.4692, 60.9251**, and if you desaturate by 10%, it is **57.2471, 58.8139, 61.7619**.

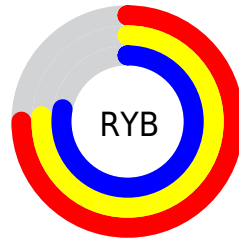
Distribution



Red (75%)

Green (77%)

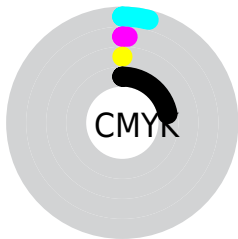
Blue (78%)



Red (75%)

Yellow (76%)

Blue (78%)

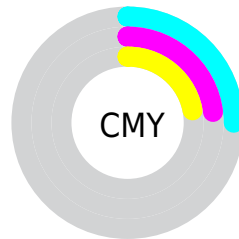


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3945, 54.9569, 61.3250 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 51.3945, 54.9569, 61.3250 by changing the saturation by 10% instead.

■ 51.3945, 54.9569,
61.3250

■ 51.3945, 54.9569,
61.3250

382.4570,
405.7485, 447.4041

■ 36.7450, 39.3672,
44.0552

■ 91.4172, 97.4778,
108.3115

■ 25.1829, 27.0455,
30.3764

117.5210,
125.1778, 138.8653

■ 16.3428, 17.6074,
19.8700

148.1737,
157.6834, 174.6842

■ 9.8594, 10.6685,
12.1175

183.7406,
195.3789, 216.1867

■ 5.3674, 5.8444,
6.7002

224.5870,
238.6488, 263.7915

■ 2.5014, 2.7507,
3.1997

271.0783,

■ 0.8959, 1.0030,

287.8774, 317.9169

1.1975

323.5799,
343.4492, 378.9816

■ 0.0000, 0.0000,
0.0000

■ 51.3945, 54.9569,
61.3250

■ 51.3945, 54.9569,
61.3250

■ 46.2260, 51.4692,
60.9251

■ 57.2471, 58.8139,
61.7619

■ 41.7101, 48.3300,
60.5571

■ 63.8046, 63.0465,
62.2332

■ 37.8195, 45.5266,
60.2211

■ 71.0927, 67.6694,
62.7414

■ 34.5233, 43.0430,
59.9154

■ 73.7149, 69.9007,
63.0339

■ 31.7879, 40.8619,
59.6386

■ 74.3168, 71.1044,
63.2345

■ 29.5763, 38.9641,
59.3889

■ 74.9280, 72.3268,
63.4382

■ 27.8470, 37.3282,
59.1642

■ 75.5486, 73.5681,
63.6451

■ 26.5522, 35.9294,
58.9625

■ 76.1787, 74.8283,
63.8551

■ 25.6339, 34.7378,
58.7809

■ 76.8183, 76.1075,
64.0683

Harmonies

Analogous

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



51.2520, 54.9569, 59.9055



51.3945, 54.9569, 61.3250



51.7620, 54.9569, 62.3599

Triad

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



51.3945, 54.9569, 61.3250



53.1079, 54.9569, 61.2076



52.2116, 54.9569, 57.0505

Complementary

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



51.3945, 54.9569, 61.3250



51.2138, 52.9845, 56.2438

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.



52.7107, 54.9569, 57.3865



51.3945, 54.9569, 61.3250



53.2302, 54.9569, 59.7720

Square

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



51.3945, 54.9569, 61.3250



52.7513, 54.9569, 62.2913



53.0844, 54.9569, 58.3767



51.7218, 54.9569, 57.4514

Rectangle

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



51.3945, 54.9569, 61.3250



52.0862, 54.9569, 62.6839



53.0844, 54.9569, 58.3767



52.3838, 54.9569, 57.0810

Sweetspot

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



51.3961, 54.9592, 61.3262



94.0168, 99.3170, 108.8226



50.8267, 55.0948, 57.2081



20.1344, 21.2651, 23.2933



0.0000, 0.0000, 0.0000



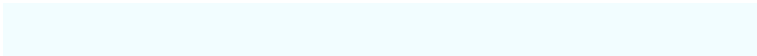
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3961, 54.9592, 61.3262



90.0092, 96.6522, 108.5195



50.5138, 53.1946, 61.0321



11.2711, 12.1301, 13.6648



16.4315, 22.2569, 38.1743



0.8105, 1.1188, 1.8184

Inverse Universe

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



51.7814, 52.8649, 60.3009



90.8619, 92.0313, 106.2475



52.0839, 54.7247, 56.5338



11.3899, 11.4871, 13.3479



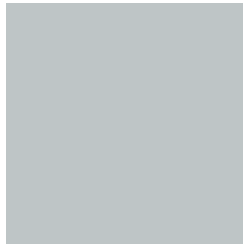
20.0932, 9.7868, 26.7644



0.9678, 0.4700, 1.3535

Previews

White Background



This preview shows how the XYZ color 51.3945, 54.9569, 61.3250 looks on a white background.

Color Contrast Check

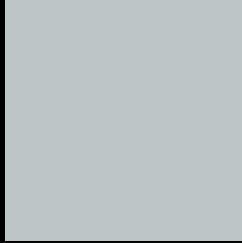
Large Text (above 18pt) WCAG AA × Fail

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 51.3945, 54.9569, 61.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

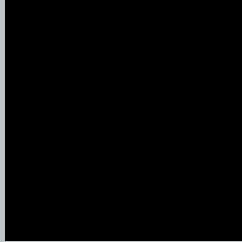
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

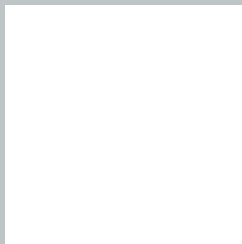
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3945, 54.9569, 61.3250

Background



This preview shows how black text looks on a background with the XYZ color 51.3945, 54.9569, 61.3250.

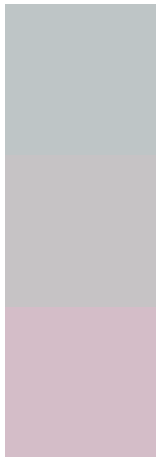


This preview shows how white text looks on a background with the XYZ color 51.3945, 54.9569,

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

51.3945, 54.9569, 61.3250

Protanopia

52.8819, 55.0672, 60.6652

Deuteranopia

55.7743, 54.5624, 62.2355



Tritanopia

53.0112, 54.9398, 69.4385

Trichromacy



Original Color

51.3945, 54.9569, 61.3250

Protanomaly

52.3236, 55.1132, 60.7035

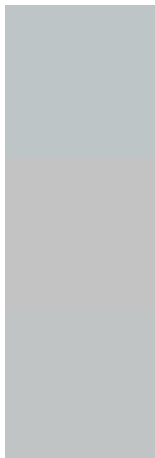
Deuteranomaly

54.0603, 54.6602, 61.7340

Tritanomaly

52.3664, 55.0125, 66.2510

Monochromacy



Original Color

51.3945, 54.9569, 61.3250

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6961, 54.8028, 60.0779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3945, 54.9569, 61.3250 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(190, 197, 198) looks like.

```
.text, #text, p{  
    color:rgb(190, 197, 198)  
}
```

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(190, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 197, 198) }
```

Border

The CSS property to change the border of an element to XYZ 51.3945, 54.9569, 61.3250 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(190, 197, 198) }
```


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

```
.border{ border-color:rgb(190, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(190, 197,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3945, 54.9569, 61.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 197, 198) }
```

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

```
.background{ background-color: rgb(190,  
197, 198) }
```

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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