

Converting Colors

XYZ(51.3832, 57.9041, 61.6751)

Have a look what the booklet for
XYZ(51.3832, 57.9041, 61.6751)
contains.

XYZ(51.5558, 58.1649, 61.9358)	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(51.5558, 58.1649,
61.9358)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CEC6
RGB	182, 206, 198
RGB Percent	71%, 81%, 78%
CMY	0.2863, 0.1921, 0.2235
CMYK	0.12, 0.00, 0.04, 0.19
HSL	160°, 20%, 76%
HSV	160°, 12%, 81%
XYZ	51.5558, 58.1649, 61.9358
YIQ	197.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

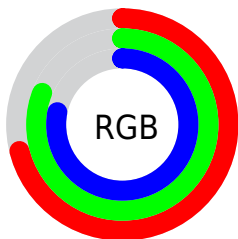
Format	Color
R_{YB}	182, 196, 206
Decimal	11980486
CIE _{Lab}	80.83, -9.60, 1.24
CIE _{LCh}	81, 9.680, 172.666
Yxy	58.1649, 0.3003, 0.3388
Android (android.graphics.Color)	4290170566 (0xFFB6CEC6)
YUV	197.9120, 0.0434, -13.9548
Hunter-Lab	76.2659, -12.7993, 5.2365

Details

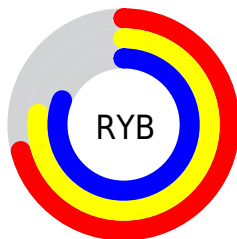
The XYZ color **51.5558, 58.1649, 61.9358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4779, 50.2970, 55.7130**, and the grayscale version is **53.6293, 56.4222, 61.4437**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **25.3155, 29.1372, 30.6753** is the 20% darker color. If you saturate the color by 10%, you get **46.2700, 55.5310, 57.6469**, and if you desaturate by 10%, it is **57.5966, 61.1870, 66.4500**.

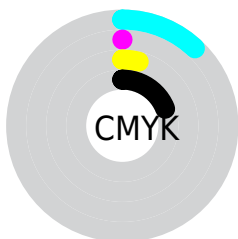
Distribution



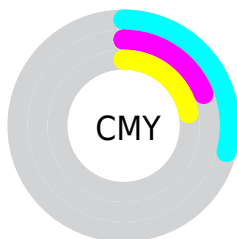
- Red (71%)
- Green (81%)
- Blue (78%)



- Red (71%)
- Yellow (77%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5558, 58.1649, 61.9358 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 51.5558, 58.1649, 61.9358 by changing the saturation by 10% instead.

■ 51.5558, 58.1649,
61.9358

■ 51.5558, 58.1649,
61.9358

383.0715,
417.8001, 449.6981

■ 36.8740, 41.9412,
44.5454

■ 91.6539, 102.1630,
109.2034

■ 25.2832, 29.0553,
30.7591

117.8009,
130.7061, 139.9177

■ 16.4180, 19.1226,
20.1586

148.5004,
164.1246, 175.9104

■ 9.9131, 11.7589,
12.3252

184.1176,
202.8027, 217.5999

■ 5.4032, 6.5797,
6.8403

225.0180,
247.1250, 265.4049

■ 2.5229, 3.2007,
3.2855

271.5668,

■ 0.9068, 1.2374,

297.4757, 319.7439

1.2422

324.1296,
354.2393, 381.0355

■ 0.0000, 0.0919,
0.0137

■ 0.0000, 0.0000,
0.0000

■ 51.5558, 58.1649,
61.9358

■ 51.5558, 58.1649,
61.9358

■ 46.2700, 55.5310,
57.6469

■ 57.5966, 61.1870,
66.4500

■ 41.7026, 53.2618,
53.5755

■ 64.4170, 64.6052,
71.1896

■ 37.8213, 51.3423,
49.7189

■ 72.0469, 68.4365,
76.1593

■ 34.5895, 49.7536,
46.0727

■ 76.9680, 70.8670,
81.1969

■ 31.9669, 48.4750,
42.6325

■ 77.9268, 71.2505,
86.2461

■ 29.9085, 47.4835,
39.3934

■ 78.9238, 71.6493,
91.4962

■ 28.3630, 46.7525,
36.3504

■ 79.9594, 72.0636,
96.9496

■ 27.2691, 46.2505,
33.4978

■ 81.0340, 72.4934,
102.6083

■ 26.6107, 45.9601,
31.2558

■ 81.3624, 72.6247,
104.3375

Harmonies

Analogous

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



52.2814, 58.1649, 56.8827



51.5558, 58.1649, 61.9358



51.8098, 58.1649, 67.6727

Triad

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



51.5558, 58.1649, 61.9358



56.7797, 58.1649, 74.0513



57.6498, 58.1649, 54.9697

Complementary

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



51.5558, 58.1649, 61.9358



51.4779, 50.2970, 55.7130

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.



58.9102, 58.1649, 59.1804



51.5558, 58.1649, 61.9358



58.3994, 58.1649, 70.2506

Square

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



51.5558, 58.1649, 61.9358



54.7944, 58.1649, 74.8988



59.1877, 58.1649, 64.7484



55.7765, 58.1649, 53.0213

Rectangle

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



51.5558, 58.1649, 61.9358



52.5034, 58.1649, 71.0953



59.1877, 58.1649, 64.7484



58.1611, 58.1649, 56.1549

Sweetspot

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



51.5574, 58.1673, 61.9371



91.8833, 98.4147, 106.6224



51.8520, 58.5213, 52.8198



19.4899, 20.9762, 22.6925



0.0000, 0.0000, 0.0000



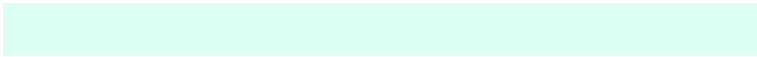
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5574, 58.1673, 61.9371



81.2561, 93.1036, 98.5590



51.6484, 56.8327, 66.6430



11.3781, 12.6610, 13.5483



16.4318, 28.3180, 19.4909



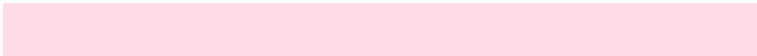
0.8820, 1.4746, 1.1862

Inverse Universe

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



51.4779, 50.2970, 55.7130



81.1024, 77.8607, 86.5058



51.3737, 51.4504, 51.4802



11.3640, 11.2743, 12.4516



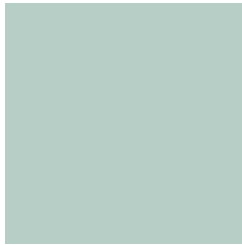
16.3695, 8.3584, 4.3982



0.8796, 0.4453, 0.4121

Previews

White Background



This preview shows how the XYZ color 51.5558, 58.1649, 61.9358 looks on a white background.

Color Contrast Check

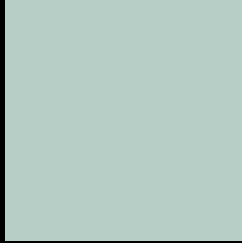
Large Text (above 18pt) WCAG AA × Fail

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 51.5558, 58.1649, 61.9358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

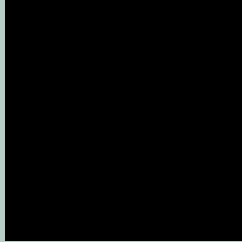
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

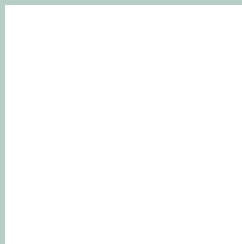
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5558, 58.1649, 61.9358

Background



This preview shows how black text looks on a background with the XYZ color 51.5558, 58.1649, 61.9358.



This preview shows how white text looks on a background with the XYZ color 51.5558, 58.1649,

61.9358.

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

51.5558, 58.1649, 61.9358

Protanopia

55.3379, 57.7210, 59.2636

Deuteranopia

58.9305, 57.8138, 62.6968



Tritanopia

54.3918, 58.2654, 75.3974

Trichromacy



Original Color

51.5558, 58.1649, 61.9358

Protanomaly

53.9968, 58.0515, 59.9889

Deuteranomaly

55.9565, 57.6335, 62.2080

Tritanomaly

53.3583, 58.2032, 70.0501

Monochromacy



Original Color

51.5558, 58.1649, 61.9358

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.8179, 57.0570, 61.6554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5558, 58.1649, 61.9358 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(182, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(182, 206, 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(182, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 206, 198) }
```

Border

The CSS property to change the border of an element to XYZ 51.5558, 58.1649, 61.9358 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(182, 206, 198) }
```


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

```
.border{ border-color:rgb(182, 206, 198) }
```

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

Here you see how a box with a 4 pixel rgb(182, 206, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 206, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 206, 198);  
box-shadow:4px 4px 4px 4px rgb(182, 206,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5558, 58.1649, 61.9358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 206, 198) }
```

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

```
.background{ background-color: rgb(182,  
206, 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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