

Converting Colors

XYZ(51.3878, 51.9004, 58.1820)

Have a look what the booklet for
XYZ(51.3878, 51.9004, 58.1820)
contains.

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Color

**XYZ(51.3273, 51.7150,
58.3157)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BBC2
RGB	200, 187, 194
RGB Percent	78%, 73%, 76%
CMY	0.2157, 0.2666, 0.2392
CMYK	0.00, 0.06, 0.03, 0.22
HSL	328°, 11%, 76%
HSV	328°, 6%, 78%
XYZ	51.3273, 51.7150, 58.3157
YIQ	191.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

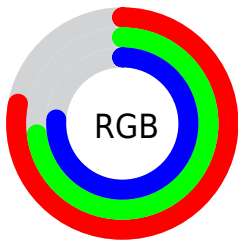
Format	Color
R _Y B	200, 187, 194
Decimal	13155266
CIE Lab	77.11, 5.83, -1.88
CIE LCh	77, 6.128, 342.086
Yxy	51.7150, 0.3181, 0.3205
Android (android.graphics.Color)	4291345346 (0xFFC8BBC2)
YUV	191.6850, 1.1413, 7.2923
Hunter-Lab	71.9131, 1.5546, 2.2598

Details

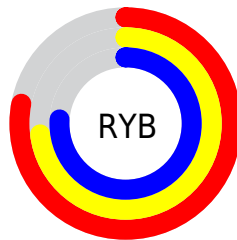
The XYZ color **51.3273, 51.7150, 58.3157** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7753, 55.7249, 58.5345**, and the grayscale version is **49.9118, 52.5111, 57.1846**.

A 20% lighter version of the original color is **90.5459, 92.2633, 103.4788**, and **25.1128, 25.0546, 28.3234** is the 20% darker color. If you saturate the color by 10%, you get **46.3718, 43.4116, 51.7060**, and if you desaturate by 10%, it is **56.9411, 61.2305, 65.4640**.

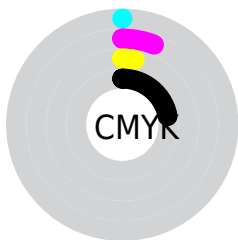
Distribution



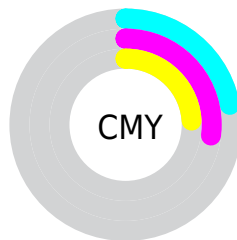
- Red (78%)
- Green (73%)
- Blue (76%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3273, 51.7150, 58.3157 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 51.3273, 51.7150, 58.3157 by changing the saturation by 10% instead.

■ 51.3273, 51.7150,
58.3157

■ 51.3273, 51.7150,
58.3157

382.2008,
393.3354, 435.9923

■ 36.6913, 36.7780,
41.6461

■ 91.3185, 92.7108,
103.9018

■ 25.1411, 25.0356,
28.5008

117.4044,
119.5383, 133.6553

■ 16.3115, 16.1036,
18.4612

148.0376,
151.0981, 168.6073

■ 9.8371, 9.5975,
11.1087

183.5835,
187.7747, 209.1763

■ 5.3525, 5.1329,
6.0249

224.4074,
229.9522, 255.7807

■ 2.4924, 2.3255,
2.7912

270.8747,

■ 0.8914, 0.7871,

278.0153, 308.8391

0.9890

323.3507,
332.3482, 368.7702

■ 0.0000, 0.0000,
0.0000

■ 51.3273, 51.7150,
58.3157

■ 51.3273, 51.7150,
58.3157

■ 46.3718, 43.4116,
51.7060

■ 56.9411, 61.2305,
65.4640

■ 42.0447, 36.2646,
45.6174

■ 63.2329, 71.9974,
73.1611

■ 38.3203, 30.2237,
40.0360

■ 70.2267, 84.0620,
81.4211

■ 35.1696, 25.2325,
34.9460

■ 73.9941, 89.5653,
88.9399

■ 32.5606, 21.2295,
30.3306

■ 75.3326, 90.1007,
95.9885

■ 30.4584, 18.1468,
26.1717

■ 76.7410, 90.6640,
103.4047

■ 28.8235, 15.9077,
22.4494

■ 77.6297, 91.0195,
108.0847

■ 27.6102, 14.4229,
19.1417

■ 26.7597, 13.5771,
16.2215

Harmonies

Analogous

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



50.6782, 51.7150, 61.2314



51.3273, 51.7150, 58.3157



51.3883, 51.7150, 54.9694

Triad

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



51.3273, 51.7150, 58.3157



48.6836, 51.7150, 50.2357



47.5014, 51.7150, 60.7424

Complementary

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



51.3273, 51.7150, 58.3157



50.7753, 55.7249, 58.5345

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.



46.9846, 51.7150, 57.6699



51.3273, 51.7150, 58.3157



47.6598, 51.7150, 51.6575

Square

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



51.3273, 51.7150, 58.3157



49.8494, 51.7150, 50.3932



47.0421, 51.7150, 54.3486



48.4642, 51.7150, 62.6703

Rectangle

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



51.3273, 51.7150, 58.3157



51.0860, 51.7150, 52.9524



47.0421, 51.7150, 54.3486



47.2704, 51.7150, 59.8042

Sweetspot

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



51.3288, 51.7172, 58.3168



93.0677, 96.6384, 106.3806



50.1516, 51.0310, 61.8509



19.9411, 20.7198, 22.7964



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.



51.3288, 51.7172, 58.3168



87.4044, 87.0761, 99.0537



50.6309, 51.4381, 54.6419



10.8686, 10.7308, 12.2913



16.9009, 8.5099, 9.9537



0.8366, 0.4175, 0.6624

Inverse Universe

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



51.3288, 51.7172, 58.3168



87.4044, 87.0761, 99.0537



51.4988, 56.0143, 62.3445



10.8686, 10.7308, 12.2913



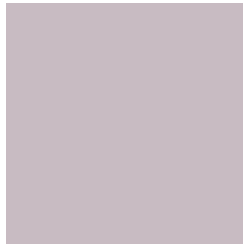
16.9009, 8.5099, 9.9537



0.8366, 0.4175, 0.6624

Previews

White Background



This preview shows how the XYZ color 51.3273, 51.7150, 58.3157 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 51.3273, 51.7150, 58.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

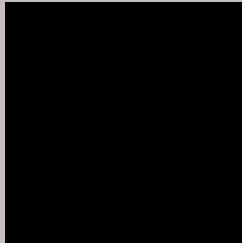
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3273, 51.7150, 58.3157

Background



This preview shows how black text looks on a background with the XYZ color 51.3273, 51.7150, 58.3157.



This preview shows how white text looks on a background with the XYZ color 51.3273, 51.7150,

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

51.3273, 51.7150, 58.3157

Protanopia

49.7862, 51.5418, 58.9543

Deuteranopia

52.8187, 51.8584, 58.2648



Tritanopia

52.1889, 51.7524, 62.4969

Trichromacy



Original Color

51.3273, 51.7150, 58.3157

Protanomaly

50.3392, 51.5087, 58.9188

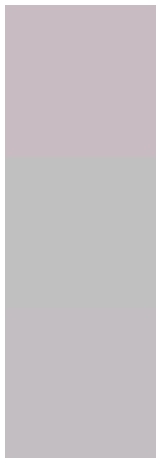
Deuteranomaly

52.1983, 51.8502, 58.2959

Tritanomaly

51.8393, 51.6125, 60.6561

Monochromacy



Original Color

51.3273, 51.7150, 58.3157

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.5448, 52.2793, 57.8790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3273, 51.7150, 58.3157 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(200, 187, 194)` looks like.

```
.text, #text, p{  
    color:rgb(200, 187, 194)  
}
```

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(200, 187, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 187, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.3273, 51.7150, 58.3157 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(200, 187, 194) }
```


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

```
.border{ border-color:rgb(200, 187, 194) }
```

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

Here you see how a box with a 4 pixel rgb(200, 187, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 187, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 187, 194);  
box-shadow:4px 4px 4px 4px rgb(200, 187,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3273, 51.7150, 58.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 187, 194) }
```

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

```
.background{ background-color: rgb(200,  
187, 194) }
```

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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