

Converting Colors

XYZ(49.8550, 52.6847, 60.9680)

Have a look what the booklet for
XYZ(49.8550, 52.6847, 60.9680)
contains.

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Color

**XYZ(50.0020, 52.9085,
61.0031)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC1C6
RGB	188, 193, 198
RGB Percent	74%, 76%, 78%
CMY	0.2627, 0.2431, 0.2235
CMYK	0.05, 0.03, 0.00, 0.22
HSL	210°, 8%, 76%
HSV	210°, 5%, 78%
XYZ	50.0020, 52.9085, 61.0031
YIQ	192.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

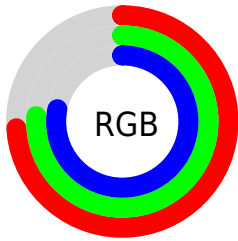
Format	Color
R _Y B	188, 191, 198
Decimal	12370374
CIE Lab	77.82, -0.77, -3.12
CIE LCh	78, 3.210, 256.159
Yxy	52.9085, 0.3051, 0.3228
Android (android.graphics.Color)	4290560454 (0xFFBCC1C6)
YUV	192.0750, 2.9210, -3.5738
Hunter-Lab	72.7382, -4.5867, 1.1922

Details

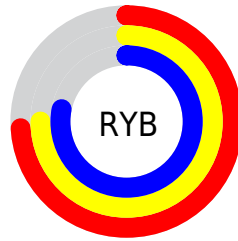
The XYZ color **50.0020, 52.9085, 61.0031** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4359, 53.7759, 55.2465**, and the grayscale version is **50.1334, 52.7442, 57.4384**.

A 20% lighter version of the original color is **89.2339, 94.2045, 108.0879**, and **24.4038, 25.9207, 30.1025** is the 20% darker color. If you saturate the color by 10%, you get **43.3409, 46.3369, 60.0865**, and if you desaturate by 10%, it is **57.4817, 60.1222, 62.0021**.

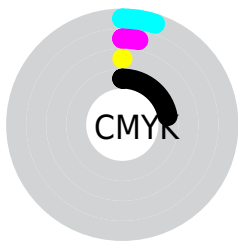
Distribution



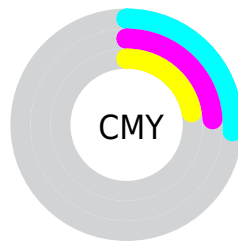
- Red (74%)
- Green (76%)
- Blue (78%)



- Red (74%)
- Yellow (75%)
- Blue (78%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0020, 52.9085, 61.0031 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 50.0020, 52.9085, 61.0031 by changing the saturation by 10% instead.

■ 50.0020, 52.9085,
61.0031

■ 50.0020, 52.9085,
61.0031

377.1256,
397.9340, 446.1922

■ 35.6328, 37.7297,
43.7971

■ 89.3696, 94.4697,
107.8410

■ 24.3195, 25.7730,
30.1750

115.0988,
121.6209, 138.3100

■ 15.6968, 16.6539,
19.7183

145.3453,
153.5318, 174.0370

■ 9.3994, 9.9880,
12.0084

180.4745,
190.5866, 215.4407

■ 5.0618, 5.3910,
6.6268

220.8518,
233.1699, 262.9395

■ 2.3187, 2.4785,
3.1549

266.8425,

■ 0.8042, 0.8658,

281.6659, 316.9520

1.1743

318.8120,
336.4592, 377.8967

■ 0.0000, 0.0000,
0.0000

■ 50.0020, 52.9085,
61.0031

■ 50.0020, 52.9085,
61.0031

■ 43.3409, 46.3369,
60.0865

■ 57.4817, 60.1222,
62.0021

■ 37.4639, 40.3811,
59.2467

■ 65.8038, 67.9901,
63.0821

■ 32.3406, 35.0226,
58.4824

■ 74.9965, 76.5321,
64.2464

■ 27.9371, 30.2393,
57.7913

■ 80.4532, 83.3772,
65.2800

■ 24.2162, 26.0074,
57.1705

■ 83.3263, 89.1235,
66.2377

■ 21.1374, 22.3013,
56.6175

■ 86.3589, 95.1886,
67.2486

■ 18.6554, 19.0927,
56.1289

■ 87.1932, 96.8573,
67.5267

■ 16.7180, 16.3493,
55.7015

■ 15.2623, 14.0334,
55.3312

Harmonies

Analogous

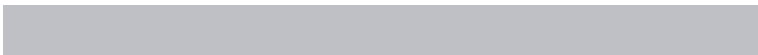
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.4630, 52.9085, 60.1177



50.0020, 52.9085, 61.0031



50.6220, 52.9085, 60.9658

Triad

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



50.0020, 52.9085, 61.0031



51.4470, 52.9085, 56.6591



49.4291, 52.9085, 55.2652

Complementary

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



50.0020, 52.9085, 61.0031



51.4359, 53.7759, 55.2465

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.



49.9554, 52.9085, 54.3765



50.0020, 52.9085, 61.0031



51.1220, 52.9085, 55.1698

Square

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



50.0020, 52.9085, 61.0031



51.4597, 52.9085, 58.4327



50.5750, 52.9085, 54.3420



49.1341, 52.9085, 56.7918

Rectangle

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



50.0020, 52.9085, 61.0031



50.9979, 52.9085, 60.4221



50.5750, 52.9085, 54.3420



49.5846, 52.9085, 54.8834

Sweetspot

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



50.0035, 52.9107, 61.0043



92.3909, 97.4303, 108.5442



50.5410, 54.9232, 58.2929



19.8034, 20.8811, 23.2367



0.0000, 0.0000, 0.0000



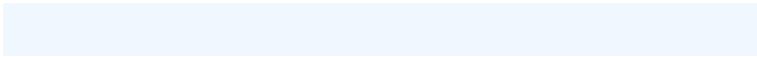
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0035, 52.9107, 61.0043



87.2528, 92.4316, 107.8501



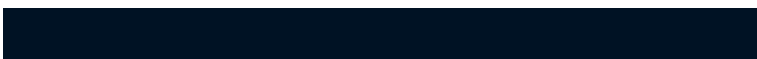
48.9517, 50.8070, 60.6536



10.9166, 11.5706, 13.5755



9.6200, 8.6338, 35.9038



0.5279, 0.5537, 1.7242

Inverse Universe

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



50.8987, 51.8234, 57.7750



89.1552, 90.1410, 100.9831



52.5226, 55.9495, 55.6088



11.1745, 11.2613, 12.6441



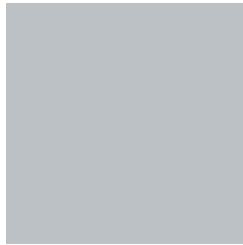
16.6550, 8.4116, 8.6593



0.8252, 0.4129, 0.6026

Previews

White Background



This preview shows how the XYZ color 50.0020, 52.9085, 61.0031 looks on a white background.

Color Contrast Check

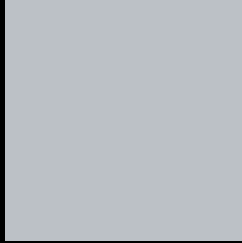
Large Text (above 18pt) WCAG AA × Fail

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 50.0020, 52.9085, 61.0031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

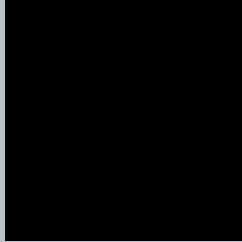
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0020, 52.9085, 61.0031

Background



This preview shows how black text looks on a background with the XYZ color 50.0020, 52.9085, 61.0031.



This preview shows how white text looks on a background with the XYZ color 50.0020, 52.9085,

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

50.0020, 52.9085, 61.0031

Protanopia

50.9570, 52.7622, 60.3217

Deuteranopia

53.8801, 52.6512, 61.3557



Tritanopia

51.0984, 53.0231, 66.5728

Trichromacy



Original Color

50.0020, 52.9085, 61.0031

Protanomaly

50.6659, 52.9370, 60.3708

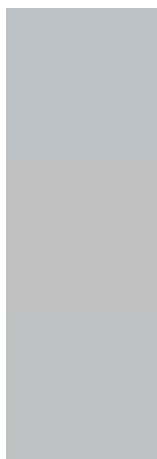
Deuteranomaly

52.5938, 52.9362, 61.4786

Tritanomaly

50.7350, 52.8777, 64.6591

Monochromacy



Original Color

50.0020, 52.9085, 61.0031

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.0731, 52.6707, 58.5663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0020, 52.9085, 61.0031 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(188, 193, 198) looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 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(188, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 198) }
```

Border

The CSS property to change the border of an element to XYZ 50.0020, 52.9085, 61.0031 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(188, 193, 198) }
```


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

```
.border{ border-color:rgb(188, 193, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0020, 52.9085, 61.0031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 198) }
```

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

```
.background{ background-color: rgb(188,  
193, 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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