

Converting Colors

XYZ(51.9978, 53.8191, 61.0585)

Have a look what the booklet for
XYZ(51.9978, 53.8191, 61.0585)
contains.

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Color

**XYZ(52.0280, 53.9529,
61.0979)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C1C6
RGB	196, 193, 198
RGB Percent	77%, 76%, 78%
CMY	0.2314, 0.2431, 0.2235
CMYK	0.01, 0.03, 0.00, 0.22
HSL	276°, 4%, 77%
HSV	276°, 3%, 78%
XYZ	52.0280, 53.9529, 61.0979
YIQ	194.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

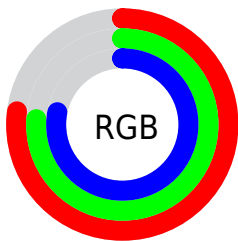
Format	Color
R_{YB}	196, 193, 198
Decimal	12894662
CIE _{Lab}	78.43, 1.97, -2.14
CIE _{LCh}	78, 2.911, 312.537
Yxy	53.9529, 0.3114, 0.3229
Android (android.graphics.Color)	4291084742 (0xFFC4C1C6)
YUV	194.4670, 1.7418, 1.3444
Hunter-Lab	73.4526, -2.1069, 2.0994

Details

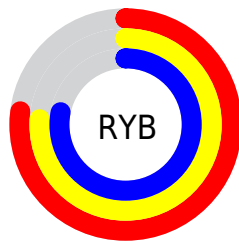
The XYZ color **52.0280, 53.9529, 61.0979** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3274, 55.8420, 58.4754**, and the grayscale version is **51.5461, 54.2305, 59.0571**.

A 20% lighter version of the original color is **92.4337, 95.8540, 108.2376**, and **25.5675, 26.5206, 30.1570** is the 20% darker color. If you saturate the color by 10%, you get **45.9340, 44.7441, 59.6424**, and if you desaturate by 10%, it is **58.8199, 64.3945, 62.7562**.

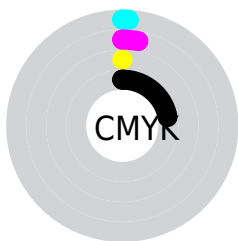
Distribution



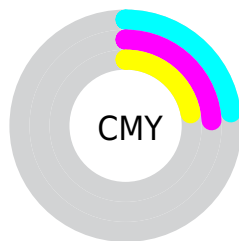
- Red (77%)
- Green (76%)
- Blue (78%)



- Red (77%)
- Yellow (76%)
- Blue (78%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0280, 53.9529, 61.0979 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 52.0280, 53.9529, 61.0979 by changing the saturation by 10% instead.

■ 52.0280, 53.9529,
61.0979

■ 52.0280, 53.9529,
61.0979

384.8669,
401.9304, 446.5494

■ 37.2518, 38.5640,
43.8731

■ 92.3465, 96.0051,
107.9796

■ 25.5770, 26.4207,
30.2343

118.6195,
123.4372, 138.4736

■ 16.6385, 17.1386,
19.7629

149.4554,
155.6524, 174.2277

■ 10.0708, 10.3334,
12.0405

185.2197,
193.0353, 215.6605

■ 5.5085, 5.6206,
6.6484

226.2776,
235.9701, 263.1905

■ 2.5864, 2.6158,
3.1681

272.9945,

■ 0.9390, 0.9346,

284.8413, 317.2363

1.1811

325.7358,
340.0333, 378.2164

■ 0.0000, 0.0000,
0.0000

■ 52.0280, 53.9529,
61.0979

■ 52.0280, 53.9529,
61.0979

■ 45.9340, 44.7441,
59.6424

■ 58.8199, 64.3945,
62.7562

■ 40.5087, 36.7140,
58.3784

■ 66.3287, 76.1065,
64.6211

■ 35.7271, 29.8147,
57.2987

■ 74.5781, 89.1333,
66.7007

■ 31.5610, 23.9926,
56.3945

■ 77.8529, 92.0422,
67.0896

■ 27.9800, 19.1892,
55.6561

■ 80.4206, 93.3659,
67.2097

■ 24.9508, 15.3405,
55.0729

■ 83.1049, 94.7497,
67.3354

■ 22.4360, 12.3750,
54.6330

■ 85.9075, 96.1945,
67.4665

■ 20.3933, 10.2106,
54.3229

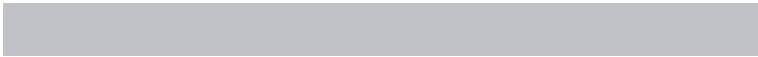
■ 87.1932, 96.8573,
67.5267

■ 18.7722, 8.7494,
54.1263

Harmonies

Analogous

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



51.5198, 53.9529, 61.8752



52.0280, 53.9529, 61.0979



52.3373, 53.9529, 59.6961

Triad

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



52.0280, 53.9529, 61.0979



51.6115, 53.9529, 55.7909



50.2142, 53.9529, 59.4321

Complementary

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



52.0280, 53.9529, 61.0979



52.3274, 55.8420, 58.4754

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.



50.2383, 53.9529, 57.8051



52.0280, 53.9529, 61.0979



51.0422, 53.9529, 55.7232

Square

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



52.0280, 53.9529, 61.0979



52.0955, 53.9529, 56.6410



50.5404, 53.9529, 56.4543



50.4742, 53.9529, 60.9015

Rectangle

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



52.0280, 53.9529, 61.0979



52.3876, 53.9529, 58.6062



50.5404, 53.9529, 56.4543



50.1894, 53.9529, 58.8851

Sweetspot

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



52.0295, 53.9552, 61.0991



93.8674, 98.1907, 108.6131



51.7212, 54.4844, 61.2175



20.1040, 21.0359, 23.2507



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.



52.0295, 53.9552, 61.0991



91.5404, 94.6397, 108.0503



52.5053, 54.2060, 60.8709



11.4303, 11.7680, 13.5865



11.6532, 5.2417, 35.1419



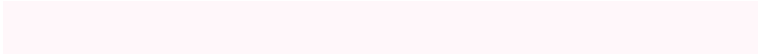
0.6319, 0.2895, 1.6677

Inverse Universe

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



52.2109, 54.0883, 59.3207



91.9279, 94.9238, 104.2583



51.8606, 55.5959, 58.6964



11.4904, 11.8120, 12.9993



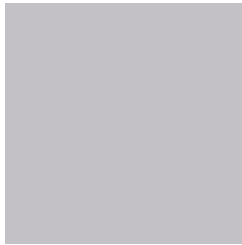
16.1086, 8.1930, 5.7816



0.7984, 0.4022, 0.4613

Previews

White Background



This preview shows how the XYZ color 52.0280, 53.9529, 61.0979 looks on a white background.

Color Contrast Check

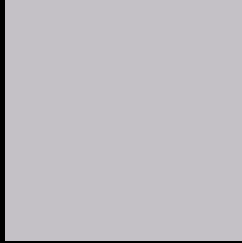
Large Text (above 18pt) WCAG AA × Fail

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 52.0280, 53.9529, 61.0979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

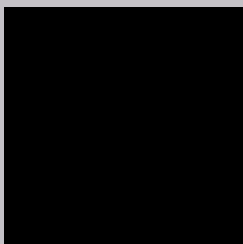
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

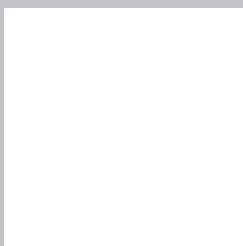
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0280, 53.9529, 61.0979

Background



This preview shows how black text looks on a background with the XYZ color 52.0280, 53.9529, 61.0979.

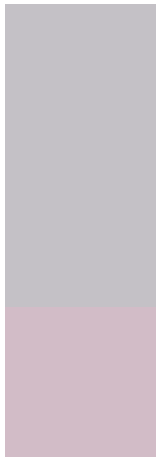


This preview shows how white text looks on a background with the XYZ color 52.0280, 53.9529,

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

52.0280, 53.9529, 61.0979

Protanopia

52.0280, 53.9529, 61.0979

Deuteranopia

54.8704, 53.7916, 61.5237



Tritanopia

53.1381, 54.0746, 66.6682

Trichromacy



Original Color

52.0280, 53.9529, 61.0979

Protanomaly

52.0280, 53.9529, 61.0979

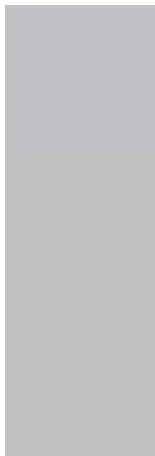
Deuteranomaly

53.8991, 53.9296, 61.6015

Tritanomaly

52.7747, 53.9292, 64.7546

Monochromacy



Original Color

52.0280, 53.9529, 61.0979

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6478, 54.1258, 59.3550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0280, 53.9529, 61.0979 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(196, 193, 198) looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 193, 198) }
```

Border

The CSS property to change the border of an element to XYZ 52.0280, 53.9529, 61.0979 is called "border". The border property can be set on classes, ids or directly on the HTML element.

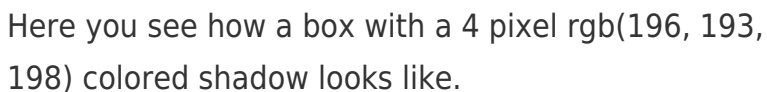
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 193, 198) }
```


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

```
.border{ border-color:rgb(196, 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(196, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 193, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 193, 198); box-shadow:4px 4px 4px 4px rgb(196, 193, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0280, 53.9529, 61.0979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 193, 198) }
```

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

```
.background{ background-color: rgb(196,  
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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