

Converting Colors

XYZ(52.2749, 52.8562, 62.9841)

Have a look what the booklet for
XYZ(52.2749, 52.8562, 62.9841)
contains.

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Color

**XYZ(52.0289, 52.6180,
62.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BDC9
RGB	198, 189, 201
RGB Percent	78%, 74%, 79%
CMY	0.2235, 0.2588, 0.2118
CMYK	0.01, 0.06, 0.00, 0.21
HSL	285°, 10%, 76%
HSV	285°, 6%, 79%
XYZ	52.0289, 52.6180, 62.6724
YIQ	193.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

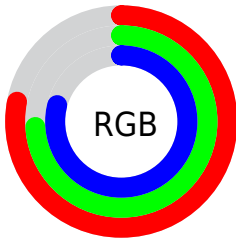
Format	Color
R _Y B	198, 189, 201
Decimal	13024713
CIE Lab	77.65, 5.36, -4.90
CIE LCh	78, 7.261, 317.520
Yxy	52.6180, 0.3110, 0.3145
Android (android.graphics.Color)	4291214793 (0xFFC6BDC9)
YUV	193.0590, 3.9149, 4.3333
Hunter-Lab	72.5383, 1.0892, -0.4492

Details

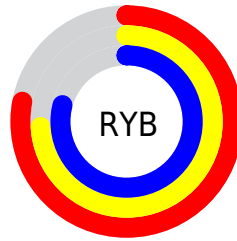
The XYZ color **52.0289, 52.6180, 62.6724** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8121, 56.6553, 56.3515**, and the grayscale version is **50.7016, 53.3420, 58.0895**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **25.5722, 25.6442, 31.2058** is the 20% darker color. If you saturate the color by 10%, you get **46.6989, 43.8917, 61.2698**, and if you desaturate by 10%, it is **58.0051, 62.5699, 64.2791**.

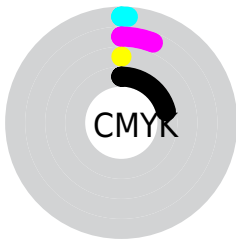
Distribution



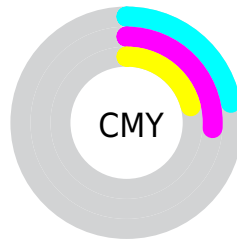
- Red (78%)
- Green (74%)
- Blue (79%)



- Red (78%)
- Yellow (74%)
- Blue (79%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0289, 52.6180, 62.6724 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 52.0289, 52.6180, 62.6724 by changing the saturation by 10% instead.

■ 52.0289, 52.6180,
62.6724

■ 52.0289, 52.6180,
62.6724

384.8703,
396.8178, 452.4548

■ 37.2525, 37.4979,
45.1369

■ 92.3478, 94.0420,
110.2778

■ 25.5776, 25.5932,
31.2216

118.6211,
121.1147, 141.1847

■ 16.6389, 16.5196,
20.5077

149.4572,
152.9405, 177.3860

■ 10.0711, 9.8926,
12.5769

185.2218,
189.9036, 219.3000

■ 5.5088, 5.3278,
7.0106

226.2800,
232.3885, 267.3453

■ 2.5865, 2.4408,
3.3902

272.9972,

■ 0.9391, 0.8468,

280.7795, 321.9405

1.2971

325.7389,
335.4612, 383.5042

■ 0.0000, 0.0000,
0.0595

■ 0.0000, 0.0000,
0.0000

■ 52.0289, 52.6180,
62.6724

■ 52.0289, 52.6180,
62.6724

■ 46.6989, 43.8917,
61.2698

■ 58.0051, 62.5699,
64.2791

■ 41.9857, 36.3350,
60.0596

■ 64.6464, 73.7869,
66.0942

■ 37.8641, 29.8976,
59.0343

■ 71.9767, 86.3154,
68.1261

■ 34.3055, 24.5228,
58.1844

■ 75.2481, 90.6590,
68.7921

■ 31.2788, 20.1490,
57.4997

■ 76.7752, 91.4462,
68.8635

■ 28.7495, 16.7080,
56.9688

■ 78.3483, 92.2572,
68.9371

■ 26.6790, 14.1232,
56.5790

■ 79.9677, 93.0920,
69.0129

■ 25.0223, 12.3052,
56.3154

■ 81.6339, 93.9510,
69.0909

■ 23.7231, 11.1424,
56.1595

■ 83.3472, 94.8342,
69.1711

Harmonies

Analogous

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



50.8287, 52.6180, 64.9839



52.0289, 52.6180, 62.6724



52.6936, 52.6180, 58.9788

Triad

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



52.0289, 52.6180, 62.6724



50.5974, 52.6180, 50.0715



47.4819, 52.6180, 59.6506

Complementary

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



52.0289, 52.6180, 62.6724



51.8121, 56.6553, 56.3515

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.



47.4226, 52.6180, 55.6378



52.0289, 52.6180, 62.6724



49.2037, 52.6180, 50.2325

Square

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



52.0289, 52.6180, 62.6724



51.8568, 52.6180, 51.7783



48.0476, 52.6180, 52.2288



48.2111, 52.6180, 63.1840

Rectangle

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



52.0289, 52.6180, 62.6724



52.7356, 52.6180, 56.2864



48.0476, 52.6180, 52.2288



47.3835, 52.6180, 58.3096

Sweetspot

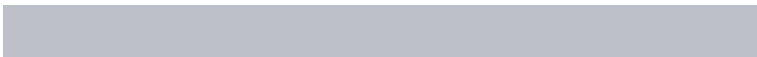
The Sweet Spot groups the original color and five complimentary colors.



52.0304, 52.6203, 62.6735



92.9769, 96.5480, 108.3430



50.4246, 52.8253, 62.7978



19.9226, 20.7014, 23.1957



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.



52.0304, 52.6203, 62.6735



87.9945, 88.2985, 107.0132



52.5027, 52.9014, 60.9922



11.0361, 11.0432, 13.4674



14.7101, 6.8176, 35.2850



0.7599, 0.3555, 1.6737

Inverse Universe

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



51.8013, 52.6209, 57.2985



87.5367, 88.3029, 96.1310



51.3671, 56.3904, 57.9324



10.9756, 11.0439, 12.0218



15.5422, 7.9664, 2.7990



0.7660, 0.3893, 0.2911

Previews

White Background



This preview shows how the XYZ color 52.0289, 52.6180, 62.6724 looks on a white background.

Color Contrast Check

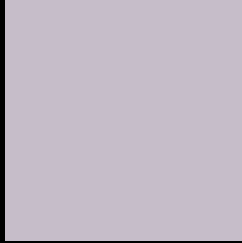
Large Text (above 18pt) WCAG AA × Fail

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 52.0289, 52.6180, 62.6724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

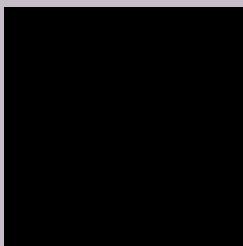
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

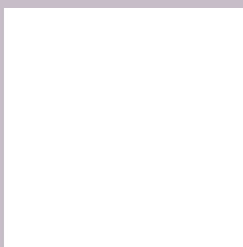
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0289, 52.6180, 62.6724

Background



This preview shows how black text looks on a background with the XYZ color 52.0289, 52.6180, 62.6724.



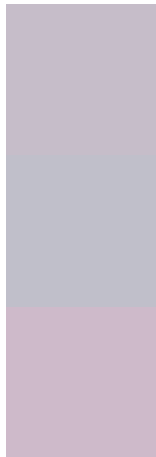
This preview shows how white text looks on a background with the XYZ color 52.0289, 52.6180,

62.6724.

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

52.0289, 52.6180, 62.6724

Protanopia

51.0297, 52.7323, 63.3659

Deuteranopia

53.6732, 52.5039, 63.1825



Tritanopia

52.2658, 52.7128, 63.9198

Trichromacy



Original Color

52.0289, 52.6180, 62.6724

Protanomaly

51.3223, 52.5605, 63.3173

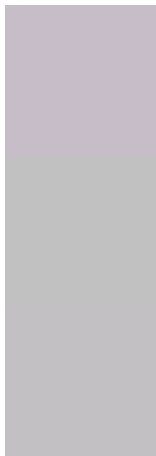
Deuteranomaly

53.0596, 52.5014, 63.2144

Tritanomaly

52.1470, 52.6652, 63.2941

Monochromacy



Original Color

52.0289, 52.6180, 62.6724

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.3191, 53.2869, 59.8051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0289, 52.6180, 62.6724 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(198, 189, 201) looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 201)  
}
```

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(198, 189, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 201) }
```

Border

The CSS property to change the border of an element to XYZ 52.0289, 52.6180, 62.6724 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(198, 189, 201) }
```


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

```
.border{ border-color:rgb(198, 189, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 189, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 201);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0289, 52.6180, 62.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 201) }
```

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

```
.background{ background-color: rgb(198,  
189, 201) }
```

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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