

Converting Colors

XYZ(52.3040, 53.5124, 61.5395)

Have a look what the booklet for
XYZ(52.3040, 53.5124, 61.5395)
contains.

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Color

**XYZ(52.2283, 53.3909,
61.5856)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BFC7
RGB	198, 191, 199
RGB Percent	78%, 75%, 78%
CMY	0.2235, 0.2510, 0.2196
CMYK	0.01, 0.04, 0.00, 0.22
HSL	292°, 7%, 76%
HSV	292°, 4%, 78%
XYZ	52.2283, 53.3909, 61.5856
YIQ	194.0050, 1.6040, 3.9720

Conversions

Conversions Part 2

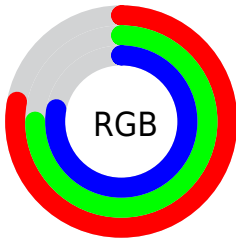
Format	Color
R_{YB}	198, 191, 199
Decimal	13025223
CIE Lab	78.11, 3.91, -3.15
CIE LCh	78, 5.021, 321.148
Yxy	53.3909, 0.3124, 0.3193
Android (android.graphics.Color)	4291215303 (0xFFC6BFC7)
YUV	194.0050, 2.4625, 3.5036
Hunter-Lab	73.0691, -0.2827, 1.1763

Details

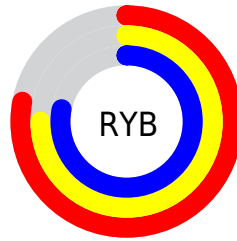
The XYZ color **52.2283, 53.3909, 61.5856** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5677, 55.8164, 57.3487**, and the grayscale version is **51.2677, 53.9376, 58.7380**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **25.7009, 26.1506, 30.4810** is the 20% darker color. If you saturate the color by 10%, you get **47.5300, 44.9594, 60.2066**, and if you desaturate by 10%, it is **57.5301, 63.0118, 63.1640**.

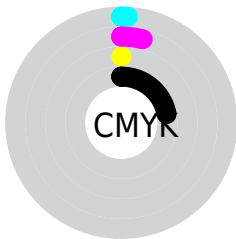
Distribution



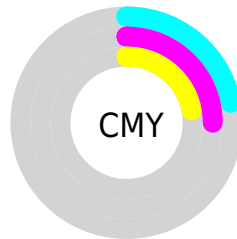
- Red (78%)
- Green (75%)
- Blue (78%)



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



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2283, 53.3909, 61.5856 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 52.2283, 53.3909, 61.5856 by changing the saturation by 10% instead.

■ 52.2283, 53.3909,
61.5856

■ 52.2283, 53.3909,
61.5856

385.6268,
399.7830, 448.3837

■ 37.4121, 38.1149,
44.2643

■ 92.6401, 95.1793,
108.6922

■ 25.7018, 26.0719,
30.5396

118.9664,
122.4606, 139.3145

■ 16.7322, 16.8774,
19.9930

149.8600,
154.5123, 175.2076

■ 10.1379, 10.1471,
12.2059

185.6865,
191.7190, 216.7901

■ 5.5534, 5.4966,
6.7599

226.8110,
234.4651, 264.4804

■ 2.6136, 2.5415,
3.2362

273.5990,

■ 0.9529, 0.8973,

283.1348, 318.6970

1.2165

326.4158,
338.1127, 379.8587

■ 0.0000, 0.0000,
0.0000

■ 52.2283, 53.3909,
61.5856

■ 52.2283, 53.3909,
61.5856

■ 47.5300, 44.9594,
60.2066

■ 57.5301, 63.0118,
63.1640

■ 43.4069, 37.6632,
59.0156

■ 63.4532, 73.8599,
64.9457

■ 39.8353, 31.4542,
58.0054

■ 70.0201, 85.9796,
66.9389

■ 36.7880, 26.2781,
57.1669

■ 72.0691, 89.0472,
67.4230

■ 34.2356, 22.0760,
56.4903

■ 72.7743, 89.4107,
67.4560

■ 32.1455, 18.7829,
55.9649

■ 73.4904, 89.7799,
67.4895

■ 30.4814, 16.3262,
55.5784

■ 74.2176, 90.1548,
67.5236

■ 29.2012, 14.6218,
55.3169

■ 74.9560, 90.5354,
67.5581

■ 28.2539, 13.5680,
55.1634

■ 75.7055, 90.9218,
67.5932

Harmonies

Analogous

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



51.4294, 53.3909, 63.3141



52.2283, 53.3909, 61.5856



52.6315, 53.3909, 58.9682

Triad

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



52.2283, 53.3909, 61.5856



51.0370, 53.3909, 52.9620



49.0090, 53.3909, 60.1027

Complementary

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



52.2283, 53.3909, 61.5856



51.5677, 55.8164, 57.3487

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.



48.9070, 53.3909, 57.3070



52.2283, 53.3909, 61.5856



50.0696, 53.3909, 53.2437

Square

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



52.2283, 53.3909, 61.5856



51.9379, 53.3909, 54.0308



49.2929, 53.3909, 54.8131



49.5734, 53.3909, 62.4390

Rectangle

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



52.2283, 53.3909, 61.5856



52.6180, 53.3909, 57.0963



49.2929, 53.3909, 54.8131



48.9198, 53.3909, 59.1834

Sweetspot

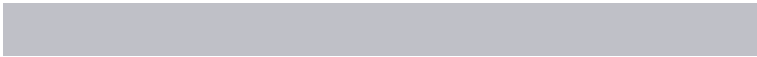
The Sweet Spot groups the original color and five complimentary colors.



52.2298, 53.3932, 61.5868



94.1247, 98.3234, 108.6251



50.6612, 52.9310, 61.5802



20.1563, 21.0629, 23.2531



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.



52.2298, 53.3932, 61.5868



90.5324, 91.8320, 107.5615



52.1571, 53.3947, 59.8231



11.3439, 11.4592, 13.5315



17.9201, 8.4724, 35.4352



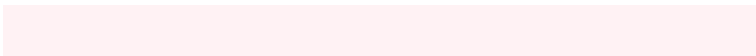
0.8861, 0.4205, 1.6796

Inverse Universe

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



51.7003, 53.2120, 57.4180



89.3721, 91.4354, 98.4026



51.6413, 55.8167, 59.0537



11.1825, 11.4041, 12.2555



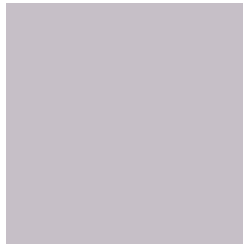
15.2752, 7.8596, 1.3931



0.7416, 0.3795, 0.1624

Previews

White Background



This preview shows how the XYZ color 52.2283, 53.3909, 61.5856 looks on a white background.

Color Contrast Check

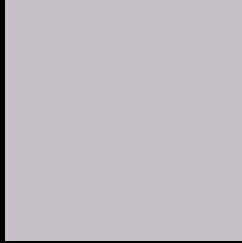
Large Text (above 18pt) WCAG AA × Fail

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 52.2283, 53.3909, 61.5856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

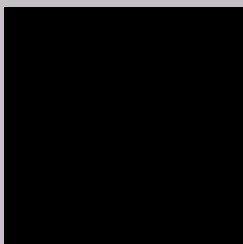
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

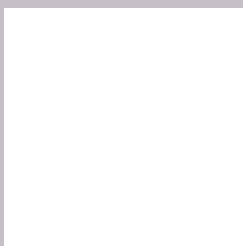
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2283, 53.3909, 61.5856

Background



This preview shows how black text looks on a background with the XYZ color 52.2283, 53.3909, 61.5856.

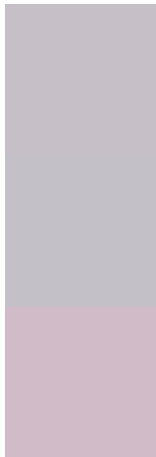


This preview shows how white text looks on a background with the XYZ color 52.2283, 53.3909,

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

52.2283, 53.3909, 61.5856

Protanopia

51.7806, 53.4715, 62.2355

Deuteranopia

54.4901, 53.2661, 62.0530



Tritanopia

52.9861, 53.3768, 65.2677

Trichromacy



Original Color

52.2283, 53.3909, 61.5856

Protanomaly

52.0399, 53.6052, 62.2476

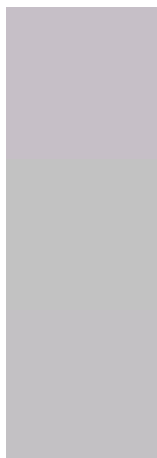
Deuteranomaly

53.5854, 53.1157, 62.0717

Tritanomaly

52.7461, 53.2808, 64.0041

Monochromacy



Original Color

52.2283, 53.3909, 61.5856

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.5394, 53.7276, 59.8786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2283, 53.3909, 61.5856 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, 191, 199) looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 199)  
}
```

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, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.2283, 53.3909, 61.5856 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, 191, 199) }
```


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

```
.border{ border-color:rgb(198, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2283, 53.3909, 61.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 199) }
```

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

```
.background{ background-color: rgb(198,  
191, 199) }
```

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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