

Converting Colors

XYZ(51.9983, 55.1678, 61.6525)

Have a look what the booklet for
XYZ(51.9983, 55.1678, 61.6525)
contains.

XYZ(52.0133, 55.2625, 61.9582)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.0133, 55.2625,
61.9582)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C5C7
RGB	192, 197, 199
RGB Percent	75%, 77%, 78%
CMY	0.2471, 0.2274, 0.2196
CMYK	0.04, 0.01, 0.00, 0.22
HSL	197°, 6%, 77%
HSV	197°, 4%, 78%
XYZ	52.0133, 55.2625, 61.9582
YIQ	195.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

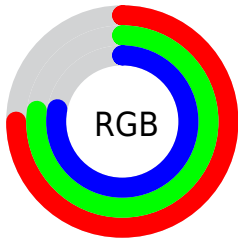
Format	Color
R _Y B	192, 195, 199
Decimal	12633543
CIE Lab	79.19, -1.34, -1.61
CIE LCh	79, 2.092, 230.255
Yxy	55.2625, 0.3073, 0.3265
Android (android.graphics.Color)	4290823623 (0xFFC0C5C7)
YUV	195.7330, 1.6106, -3.2738
Hunter-Lab	74.3388, -5.2000, 2.6214

Details

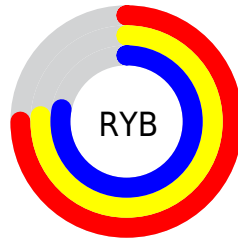
The XYZ color **52.0133, 55.2625, 61.9582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3596, 54.5310, 57.6359**, and the grayscale version is **52.3030, 55.0268, 59.9242**.

A 20% lighter version of the original color is **92.2032, 98.0601, 108.6756**, and **25.5808, 27.1782, 30.6857** is the 20% darker color. If you saturate the color by 10%, you get **46.0469, 50.3105, 61.3177**, and if you desaturate by 10%, it is **58.7128, 60.6675, 62.6492**.

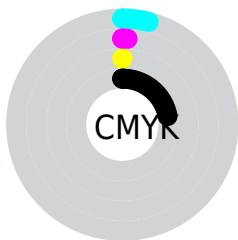
Distribution



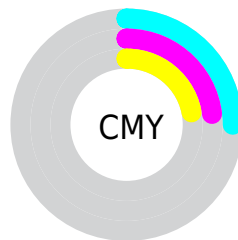
- Red (75%)
- Green (77%)
- Blue (78%)



- Red (75%)
- Yellow (76%)
- Blue (78%)



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



- Cyan (25%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0133, 55.2625, 61.9582 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 52.0133, 55.2625, 61.9582 by changing the saturation by 10% instead.

■ 52.0133, 55.2625,
61.9582

■ 52.0133, 55.2625,
61.9582

384.8111,
406.9062, 449.7820

■ 37.2400, 39.6119,
44.5634

■ 92.3250, 97.9255,
109.2361

■ 25.5679, 27.2361,
30.7732

118.5940,
125.7066, 139.9563

■ 16.6316, 17.7506,
20.1692

149.4257,
158.3001, 175.9553

■ 10.0659, 10.7711,
12.3328

185.1854,
196.0903, 217.6517

■ 5.5053, 5.9131,
6.8455

226.2384,
239.4616, 265.4640

■ 2.5844, 2.7923,
3.2887

272.9501,

■ 0.9380, 1.0243,

288.7985, 319.8108

1.2439

325.6859,
344.4852, 381.1107

■ 0.0000, 0.0000,
0.0151

■ 0.0000, 0.0000,
0.0000

■ 52.0133, 55.2625,
61.9582

■ 52.0133, 55.2625,
61.9582

■ 46.0469, 50.3105,
61.3177

■ 58.7128, 60.6675,
62.6492

■ 40.7811, 45.7894,
60.7226

■ 66.1667, 66.5328,
63.3885

■ 36.1879, 41.6856,
60.1725

■ 74.4014, 72.8742,
64.1785

■ 32.2358, 37.9820,
59.6659

■ 77.0665, 76.4187,
64.7221

■ 28.8903, 34.6599,
59.2010

■ 78.5793, 79.4442,
65.2264

■ 26.1137, 31.6991,
58.7759

■ 80.1431, 82.5718,
65.7477

■ 23.8638, 29.0769,
58.3884

■ 81.7584, 85.8025,
66.2861

■ 22.0917, 26.7675,
58.0360

■ 83.4258, 89.1373,
66.8419

■ 20.7391, 24.7397,
57.7159

■ 85.1457, 92.5770,
67.4152

Harmonies

Analogous

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



51.7752, 55.2625, 60.9716



52.0133, 55.2625, 61.9582



52.3895, 55.2625, 62.4680

Triad

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



52.0133, 55.2625, 61.9582



53.3212, 55.2625, 60.5618



52.2477, 55.2625, 58.0384

Complementary

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



52.0133, 55.2625, 61.9582



52.3596, 54.5310, 57.6359

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.



52.6615, 55.2625, 57.9319



52.0133, 55.2625, 61.9582



53.2828, 55.2625, 59.3783

Square

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



52.0133, 55.2625, 61.9582



53.1456, 55.2625, 61.6548



53.0407, 55.2625, 58.4194



51.9100, 55.2625, 58.7122

Rectangle

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



52.0133, 55.2625, 61.9582



52.6685, 55.2625, 62.4643



53.0407, 55.2625, 58.4194



52.3824, 55.2625, 57.9354

Sweetspot

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



52.0149, 55.2649, 61.9594



93.8864, 99.0563, 108.7792



51.8983, 55.9485, 59.0938



20.1078, 21.2121, 23.2845



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.



52.0149, 55.2649, 61.9594



90.4752, 96.2741, 108.4219



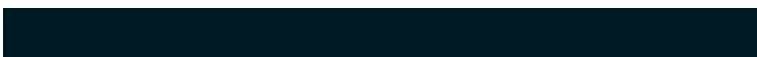
51.2323, 53.6997, 61.6985



11.3096, 12.0558, 13.6484



12.9489, 15.2916, 37.0135



0.6726, 0.8431, 1.7724

Inverse Universe

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



52.4821, 53.8737, 60.4587



91.4169, 93.4779, 105.3954



53.1447, 56.1012, 57.8976



11.4463, 11.6511, 13.2087



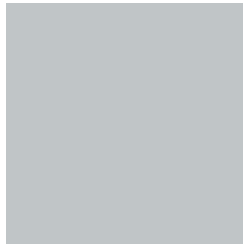
18.3353, 9.0837, 17.5075



0.8982, 0.4421, 0.9872

Previews

White Background



This preview shows how the XYZ color 52.0133, 55.2625, 61.9582 looks on a white background.

Color Contrast Check

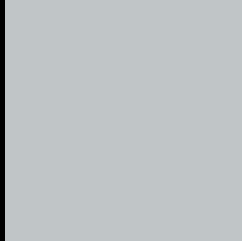
Large Text (above 18pt) WCAG AA × Fail

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 52.0133, 55.2625, 61.9582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

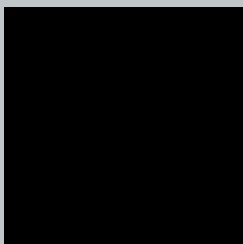
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

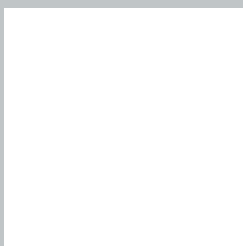
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0133, 55.2625, 61.9582

Background



This preview shows how black text looks on a background with the XYZ color 52.0133, 55.2625, 61.9582.

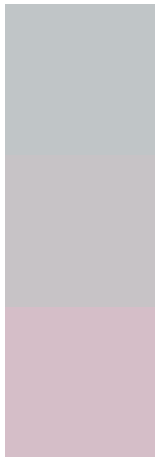


This preview shows how white text looks on a background with the XYZ color 52.0133, 55.2625,

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

52.0133, 55.2625, 61.9582

Protanopia

53.2613, 55.2495, 61.2831

Deuteranopia

56.2794, 55.1432, 62.3210



Tritanopia

53.5211, 55.2027, 69.4623

Trichromacy



Original Color

52.0133, 55.2625, 61.9582

Protanomaly

52.6979, 55.2928, 61.3212

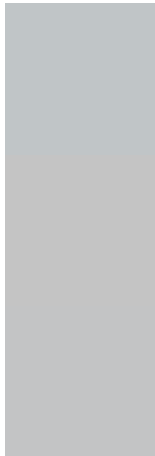
Deuteranomaly

54.6721, 55.2892, 62.4339

Tritanomaly

52.9947, 55.3223, 66.9166

Monochromacy



Original Color

52.0133, 55.2625, 61.9582

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3236, 55.1132, 60.7035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0133, 55.2625, 61.9582 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(192, 197, 199) looks like.

```
.text, #text, p{  
    color:rgb(192, 197, 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(192, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 197, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.0133, 55.2625, 61.9582 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(192, 197, 199) }
```


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

```
.border{ border-color:rgb(192, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(192, 197,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0133, 55.2625, 61.9582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 197, 199) }
```

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

```
.background{ background-color: rgb(192,  
197, 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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