

Converting Colors

XYZ(52.7596, 56.1706, 60.9465)

Have a look what the booklet for
XYZ(52.7596, 56.1706, 60.9465)
contains.

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Color

**XYZ(52.5203, 55.8887,
60.8428)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C6C5
RGB	194, 198, 197
RGB Percent	76%, 78%, 77%
CMY	0.2392, 0.2235, 0.2274
CMYK	0.02, 0.00, 0.01, 0.22
HSL	165°, 3%, 77%
HSV	165°, 2%, 78%
XYZ	52.5203, 55.8887, 60.8428
YIQ	196.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

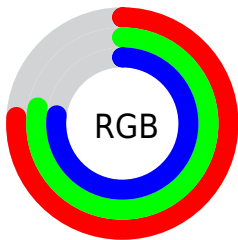
Format	Color
RYB	194, 196, 198
Decimal	12764869
CIELab	79.55, -1.56, 0.01
CIElCh	80, 1.557, 179.652
Yxy	55.8887, 0.3103, 0.3302
Android (android.graphics.Color)	4290954949 (0xFFC2C6C5)
YUV	196.6900, 0.1528, -2.3591
Hunter-Lab	74.7587, -5.4261, 4.0776

Details

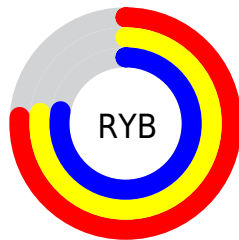
The XYZ color **52.5203, 55.8887, 60.8428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4329, 54.5310, 59.3946**, and the grayscale version is **52.8854, 55.6395, 60.5914**.

A 20% lighter version of the original color is **93.0737, 98.9998, 107.9693**, and **25.7464, 27.5051, 29.9386** is the 20% darker color. If you saturate the color by 10%, you get **47.2143, 53.2196, 57.6759**, and if you desaturate by 10%, it is **58.5253, 58.9192, 64.1425**.

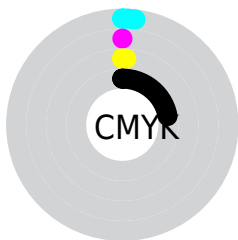
Distribution



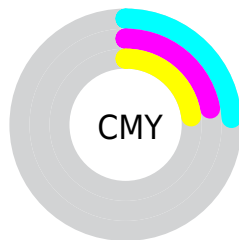
- Red (76%)
- Green (78%)
- Blue (77%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5203, 55.8887, 60.8428 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 52.5203, 55.8887, 60.8428 by changing the saturation by 10% instead.

■ 52.5203, 55.8887,
60.8428

■ 52.5203, 55.8887,
60.8428

386.7330,
409.2719, 445.5880

■ 37.6459, 40.1137,
43.6686

■ 93.0678, 98.8418,
107.6066

■ 25.8839, 27.6272,
30.0748

119.4716,
126.7887, 138.0333

■ 16.8691, 18.0448,
19.6428

150.4493,
159.5617, 173.7145

■ 10.2359, 10.9822,
11.9542

186.3662,
197.5452, 215.0688

■ 5.6191, 6.0549,
6.5903

227.5877,
241.1236, 262.5148

■ 2.6533, 2.8785,
3.1327

274.4791,

■ 0.9732, 1.0686,

290.6812, 316.4709

1.1628

327.4057,
346.6025, 377.3558

■ 0.0000, 0.0000,
0.0000

■ 52.5203, 55.8887,
60.8428

■ 52.5203, 55.8887,
60.8428

■ 47.2143, 53.2196,
57.6759

■ 58.5253, 58.9192,
64.1425

■ 42.5758, 50.8908,
54.6358

■ 65.2499, 62.3169,
67.5733

■ 38.5780, 48.8902,
51.7217

■ 72.7196, 66.0964,
71.1385

■ 35.1901, 47.2020,
48.9309

■ 73.9400, 66.6522,
74.5117

■ 32.3791, 45.8090,
46.2611

■ 74.5948, 66.9141,
77.9597

■ 30.1085, 44.6926,
43.7095

■ 75.2692, 67.1839,
81.5108

■ 28.3378, 43.8319,
41.2733

■ 75.9633, 67.4615,
85.1658

■ 27.0205, 43.2028,
38.9493

■ 76.6773, 67.7471,
88.9256

■ 26.1009, 42.7769,
36.7337

■ 77.4113, 68.0407,
92.7911

Harmonies

Analogous

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



52.6023, 55.8887, 59.9856



52.5203, 55.8887, 60.8428



52.5986, 55.8887, 61.7110

Triad

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



52.5203, 55.8887, 60.8428



53.4192, 55.8887, 62.3653



53.4255, 55.8887, 59.3763

Complementary

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



52.5203, 55.8887, 60.8428



52.4329, 54.5310, 59.3946

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.



53.6459, 55.8887, 60.0036



52.5203, 55.8887, 60.8428



53.6422, 55.8887, 61.7293

Square

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



52.5203, 55.8887, 60.8428



53.1169, 55.8887, 62.5952



53.7253, 55.8887, 60.8638



53.1242, 55.8887, 59.1440

Rectangle

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



52.5203, 55.8887, 60.8428



52.7314, 55.8887, 62.1779



53.7253, 55.8887, 60.8638



53.5116, 55.8887, 59.5477

Sweetspot

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



52.5219, 55.8911, 60.8440



94.0153, 99.4785, 108.3154



52.4564, 55.8967, 59.0643



20.1341, 21.2980, 23.1901



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.



52.5219, 55.8911, 60.8440



92.9934, 98.9635, 107.7332



52.4244, 55.5115, 61.3806



11.7334, 12.4759, 13.5819



16.6642, 27.6781, 22.9742



0.8168, 1.3217, 1.2341

Inverse Universe

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



52.4329, 54.5310, 59.3946



92.8352, 96.5454, 105.1562



52.5284, 54.9029, 58.8687



11.7150, 12.1940, 13.2815



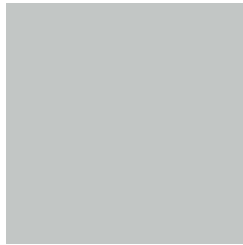
15.5437, 7.9671, 2.8072



0.7661, 0.3893, 0.2917

Previews

White Background



This preview shows how the XYZ color 52.5203, 55.8887, 60.8428 looks on a white background.

Color Contrast Check

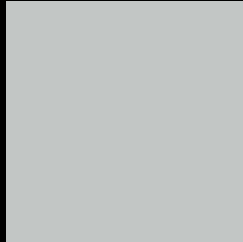
Large Text (above 18pt) WCAG AA × Fail

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 52.5203, 55.8887, 60.8428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

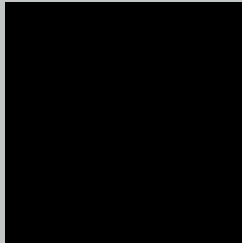
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

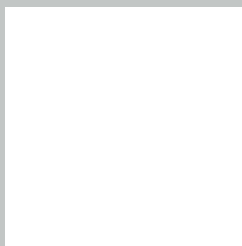
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5203, 55.8887, 60.8428

Background



This preview shows how black text looks on a background with the XYZ color 52.5203, 55.8887, 60.8428.



This preview shows how white text looks on a background with the XYZ color 52.5203, 55.8887,

60.8428.

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

52.5203, 55.8887, 60.8428

Protanopia

53.7911, 55.8829, 60.1759

Deuteranopia

56.8482, 55.7859, 61.1976



Tritanopia

54.2627, 55.9188, 69.5615

Trichromacy



Original Color

52.5203, 55.8887, 60.8428

Protanomaly

53.2188, 55.9238, 60.2140

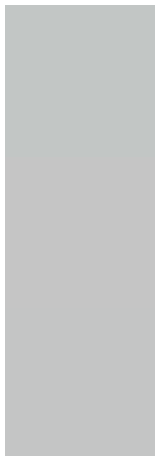
Deuteranomaly

55.2170, 55.9262, 61.3107

Tritanomaly

53.6125, 55.9908, 66.3741

Monochromacy



Original Color

52.5203, 55.8887, 60.8428

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8092, 55.6995, 60.7911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5203, 55.8887, 60.8428 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(194, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 198, 197)  
}
```

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(194, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.5203, 55.8887, 60.8428 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(194, 198, 197) }
```


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

```
.border{ border-color:rgb(194, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5203, 55.8887, 60.8428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 197) }
```

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

```
.background{ background-color: rgb(194,  
198, 197) }
```

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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