

Converting Colors

XYZ(52.4896, 55.9800, 61.0355)

Have a look what the booklet for
XYZ(52.4896, 55.9800, 61.0355)
contains.

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Color

**XYZ(52.2644, 55.7568,
60.8308)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C6C5
RGB	193, 198, 197
RGB Percent	76%, 78%, 77%
CMY	0.2431, 0.2235, 0.2274
CMYK	0.03, 0.00, 0.01, 0.22
HSL	168°, 4%, 77%
HSV	168°, 3%, 78%
XYZ	52.2644, 55.7568, 60.8308
YIQ	196.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

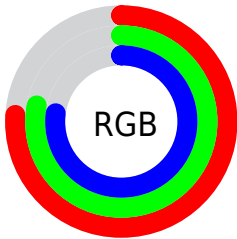
Format	Color
R_{YB}	193, 196, 198
Decimal	12699333
CIE _{Lab}	79.48, -1.90, -0.11
CIE _{LCh}	79, 1.903, 183.295
Yxy	55.7568, 0.3095, 0.3302
Android (android.graphics.Color)	4290889413 (0xFFC1C6C5)
YUV	196.3910, 0.3002, -2.9739
Hunter-Lab	74.6705, -5.7351, 3.9683

Details

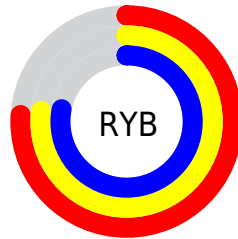
The XYZ color **52.2644, 55.7568, 60.8308** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0983, 54.0421, 58.7269**, and the grayscale version is **52.7048, 55.4495, 60.3845**.

A 20% lighter version of the original color is **92.7163, 98.8155, 107.9526**, and **25.7464, 27.5051, 29.9386** is the 20% darker color. If you saturate the color by 10%, you get **47.1023, 53.1491, 58.2464**, and if you desaturate by 10%, it is **58.1175, 58.7225, 63.5124**.

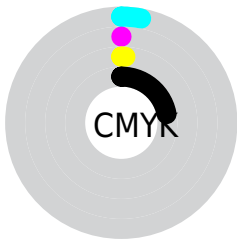
Distribution



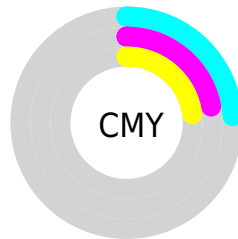
- Red (76%)
- Green (78%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2644, 55.7568, 60.8308 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 52.2644, 55.7568, 60.8308 by changing the saturation by 10% instead.

■ 52.2644, 55.7568,
60.8308

■ 52.2644, 55.7568,
60.8308

385.7637,
408.7743, 445.5427

■ 37.4410, 40.0080,
43.6590

■ 92.6930, 98.6489,
107.5891

■ 25.7244, 27.5448,
30.0673

119.0289,
126.5610, 138.0125

■ 16.7491, 17.9828,
19.6372

149.9329,
159.2962, 173.6903

■ 10.1500, 10.9376,
11.9501

185.7705,
197.2391, 215.0410

■ 5.5615, 6.0249,
6.5876

226.9071,
240.7739, 262.4830

■ 2.6185, 2.8602,
3.1310

273.7079,

■ 0.9554, 1.0592,

290.2852, 316.4349

1.1619

326.5383,
346.1572, 377.3153

■ 0.0000, 0.0000,
0.0000

■ 52.2644, 55.7568,
60.8308

■ 52.2644, 55.7568,
60.8308

■ 47.1023, 53.1491,
58.2464

■ 58.1175, 58.7225,
63.5124

■ 42.5996, 50.8784,
55.7539

■ 64.6821, 62.0520,
66.2891

■ 38.7295, 48.9324,
53.3525

■ 71.9838, 65.7601,
69.1639

■ 35.4613, 47.2954,
51.0404

■ 73.4305, 66.4484,
71.8285

■ 32.7618, 45.9502,
48.8156

■ 73.9405, 66.6524,
74.5138

■ 30.5946, 44.8781,
46.6758

■ 74.4628, 66.8613,
77.2645

■ 28.9189, 44.0580,
44.6187

■ 74.9977, 67.0753,
80.0810

■ 27.6879, 43.4659,
42.6415

■ 75.5451, 67.2943,
82.9639

■ 26.8455, 43.0728,
40.7411

■ 76.1053, 67.5183,
85.9136

Harmonies

Analogous

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



52.3410, 55.7568, 59.7681



52.2644, 55.7568, 60.8308



52.3829, 55.7568, 61.8731

Triad

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



52.2644, 55.7568, 60.8308



53.3999, 55.7568, 62.4871



53.3263, 55.7568, 58.8477

Complementary

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



52.2644, 55.7568, 60.8308



52.0983, 54.0421, 58.7269

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.



53.6122, 55.7568, 59.5609



52.2644, 55.7568, 60.8308



53.6548, 55.7568, 61.6611

Square

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



52.2644, 55.7568, 60.8308



53.0374, 55.7568, 62.8366



53.7327, 55.7568, 60.5887



52.9529, 55.7568, 58.6313

Rectangle

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



52.2644, 55.7568, 60.8308



52.5569, 55.7568, 62.4138



53.7327, 55.7568, 60.5887



53.4359, 55.7568, 59.0368

Sweetspot

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



52.2660, 55.7592, 60.8320



94.0358, 99.4867, 108.4234



52.0910, 55.7212, 58.4626



20.1382, 21.2997, 23.2121



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.



52.2660, 55.7592, 60.8320



92.0453, 98.4794, 107.4753



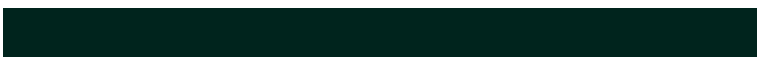
52.0588, 55.1603, 61.3321



11.5086, 12.3617, 13.4969



17.1940, 27.8900, 25.7637



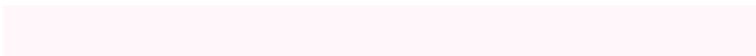
0.8380, 1.3301, 1.3455

Inverse Universe

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



52.0983, 54.0421, 58.7269



91.6887, 94.8281, 102.9988



52.3009, 54.6270, 58.2403



11.4535, 11.7973, 12.8050



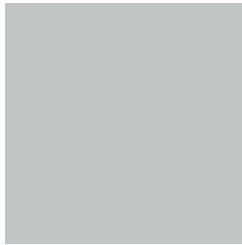
15.4159, 7.9159, 2.1341



0.7563, 0.3854, 0.2401

Previews

White Background



This preview shows how the XYZ color 52.2644, 55.7568, 60.8308 looks on a white background.

Color Contrast Check

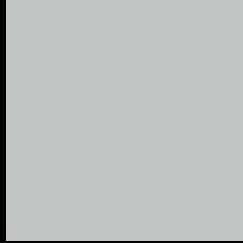
Large Text (above 18pt) WCAG AA × Fail

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 52.2644, 55.7568, 60.8308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

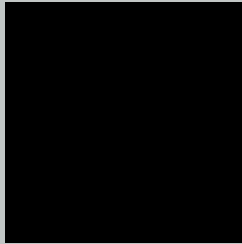
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

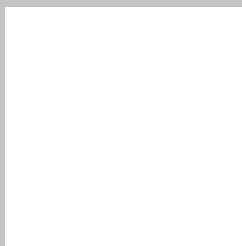
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2644, 55.7568, 60.8308

Background



This preview shows how black text looks on a background with the XYZ color 52.2644, 55.7568, 60.8308.

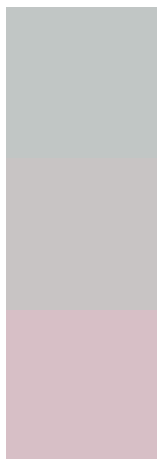


This preview shows how white text looks on a background with the XYZ color 52.2644, 55.7568,

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

52.2644, 55.7568, 60.8308

Protanopia

53.5232, 55.7447, 60.1634

Deuteranopia

56.8482, 55.7859, 61.1976



Tritanopia

54.0035, 55.7851, 69.5493

Trichromacy



Original Color

52.2644, 55.7568, 60.8308

Protanomaly

52.9560, 55.7883, 60.2017

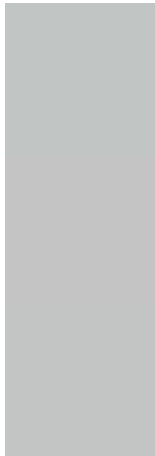
Deuteranomaly

55.2170, 55.9262, 61.3107

Tritanomaly

53.3550, 55.8581, 66.3621

Monochromacy



Original Color

52.2644, 55.7568, 60.8308

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4357, 55.5201, 60.1773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2644, 55.7568, 60.8308 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(193, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.2644, 55.7568, 60.8308 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(193, 198, 197) }
```


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

```
.border{ border-color:rgb(193, 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(193, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2644, 55.7568, 60.8308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 197) }
```

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

```
.background{ background-color: rgb(193,  
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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