

Converting Colors

XYZ(52.7440, 55.5346, 60.7559)

Have a look what the booklet for
XYZ(52.7440, 55.5346, 60.7559)
contains.

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Color

**XYZ(52.8092, 55.6995,
60.7911)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C5C5
RGB	196, 197, 197
RGB Percent	77%, 77%, 77%
CMY	0.2314, 0.2274, 0.2274
CMYK	0.01, 0.00, 0.00, 0.23
HSL	180°, 1%, 77%
HSV	180°, 1%, 77%
XYZ	52.8092, 55.6995, 60.7911
YIQ	196.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

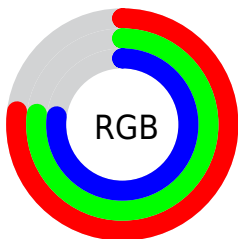
Format	Color
RYB	196, 197, 197
Decimal	12895685
CIELab	79.44, -0.34, -0.13
CIELCh	79, 0.365, 200.869
Yxy	55.6995, 0.3119, 0.3290
Android (android.graphics.Color)	4291085765 (0xFFC4C5C5)
YUV	196.7010, 0.1474, -0.6148
Hunter-Lab	74.6321, -4.3007, 3.9482

Details

The XYZ color **52.8092, 55.6995, 60.7911** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7317, 55.3370, 60.1290**, and the grayscale version is **52.8914, 55.6458, 60.5983**.

A 20% lighter version of the original color is **93.8392, 98.9220, 107.9139**, and **25.9357, 27.3789, 29.9043** is the 20% darker color. If you saturate the color by 10%, you get **48.0105, 53.2281, 60.5279**, and if you desaturate by 10%, it is **58.2840, 58.5225, 61.0882**.

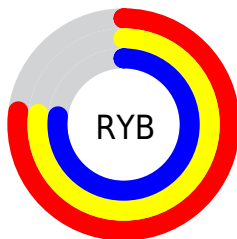
Distribution



Red (77%)

Green (77%)

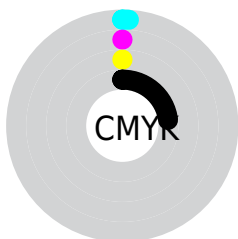
Blue (77%)



Red (77%)

Yellow (77%)

Blue (77%)

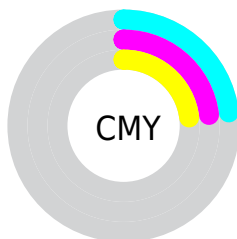


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8092, 55.6995, 60.7911 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 52.8092, 55.6995, 60.7911 by changing the saturation by 10% instead.

■ 52.8092, 55.6995,
60.7911

■ 52.8092, 55.6995,
60.7911

387.8255,
408.5581, 445.3930

■ 37.8773, 39.9620,
43.6271

■ 93.4907, 98.5651,
107.5310

■ 26.0643, 27.5090,
30.0424

119.9711,
126.4620, 137.9440

■ 17.0047, 17.9558,
19.6185

151.0317,
159.1808, 173.6104

■ 10.3331, 10.9183,
11.9367

187.0379,
197.1060, 214.9488

■ 5.6844, 6.0119,
6.5786

228.3550,
240.6220, 262.3778

■ 2.6929, 2.8523,
3.1256

275.3484,

■ 0.9935, 1.0551,

290.1130, 316.3157

1.1591

328.3835,
345.9636, 377.1813

■ 0.0000, 0.0000,
0.0000

■ 52.8092, 55.6995,
60.7911

■ 52.8092, 55.6995,
60.7911

■ 48.0105, 53.2281,
60.5279

■ 58.2840, 58.5225,
61.0882

■ 43.8570, 51.0878,
60.2938

■ 64.4546, 61.7028,
61.4168

■ 40.3228, 49.2667,
60.0886

■ 71.3084, 65.2351,
61.7774

■ 37.3780, 47.7495,
59.9111

■ 71.3161, 65.2382,
61.8176

■ 34.9906, 46.5196,
59.7597

■ 71.3237, 65.2413,
61.8578

■ 33.1253, 45.5589,
59.6327

■ 71.3314, 65.2443,
61.8981

■ 31.7429, 44.8472,
59.5283

■ 71.3390, 65.2474,
61.9383

■ 30.7987, 44.3613,
59.4445

■ 71.3466, 65.2504,
61.9786

■ 30.2398, 44.0740,
59.3787

■ 71.3543, 65.2535,
62.0189

Harmonies

Analogous

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



52.8018, 55.6995, 60.5833



52.8092, 55.6995, 60.7911



52.8519, 55.6995, 60.9607

Triad

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



52.8092, 55.6995, 60.7911



53.0500, 55.6995, 60.9022



52.9631, 55.6995, 60.2499

Complementary

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



52.8092, 55.6995, 60.7911



52.7317, 55.3370, 60.1290

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.



53.0296, 55.6995, 60.3349



52.8092, 55.6995, 60.7911



53.0799, 55.6995, 60.7113

Square

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



52.8092, 55.6995, 60.7911



52.9909, 55.6995, 61.0250



53.0724, 55.6995, 60.5037



52.8905, 55.6995, 60.2711

Rectangle

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



52.8092, 55.6995, 60.7911



52.8946, 55.6995, 61.0292



53.0724, 55.6995, 60.5037



52.9869, 55.6995, 60.2670

Sweetspot

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



52.8108, 55.7019, 60.7923

95.0500, 100.0000, 108.9000



52.7008, 55.6584, 60.1907



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.8108, 55.7019, 60.7923



94.1167, 99.5190, 108.8491



52.7012, 55.4820, 60.7577



11.8644, 12.5407, 13.7119



19.7122, 28.8972, 39.0245



0.9339, 1.3685, 1.8505

Inverse Universe

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



52.7317, 55.3370, 60.1290



93.8354, 98.2212, 106.4899



52.8409, 55.5561, 60.1635



11.8317, 12.3895, 13.4370



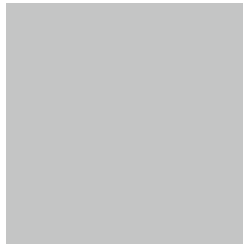
15.1483, 7.8089, 0.7247



0.7178, 0.3700, 0.0370

Previews

White Background



This preview shows how the XYZ color 52.8092, 55.6995, 60.7911 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 52.8092, 55.6995, 60.7911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

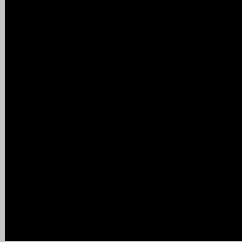
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

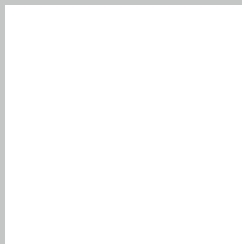
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8092, 55.6995, 60.7911

Background



This preview shows how black text looks on a background with the XYZ color 52.8092, 55.6995, 60.7911.

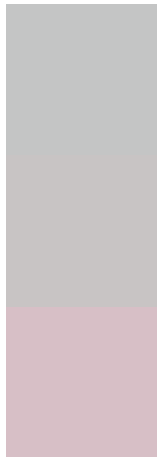


This preview shows how white text looks on a background with the XYZ color 52.8092, 55.6995,

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

52.8092, 55.6995, 60.7911

Protanopia

53.5232, 55.7447, 60.1634

Deuteranopia

56.8482, 55.7859, 61.1976



Tritanopia

54.4367, 55.6891, 68.8527

Trichromacy



Original Color

52.8092, 55.6995, 60.7911

Protanomaly

53.2569, 55.6075, 60.1509

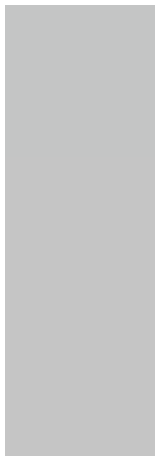
Deuteranomaly

55.2754, 55.6270, 61.2498

Tritanomaly

53.7853, 55.7580, 65.6852

Monochromacy



Original Color

52.8092, 55.6995, 60.7911

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0703, 55.8340, 60.8033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8092, 55.6995, 60.7911 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(196, 197, 197) looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 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(196, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.8092, 55.6995, 60.7911 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(196, 197, 197) }
```

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

```
.border{ border-color:rgb(196, 197, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 197, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
197) }
```


Background

The CSS property to change the background color of an element to XYZ 52.8092, 55.6995, 60.7911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 197) }
```

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

```
.background{ background-color: rgb(196,  
197, 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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