

Converting Colors

XYZ(52.1476, 55.7892, 61.6468)

Have a look what the booklet for
XYZ(52.1476, 55.7892, 61.6468)
contains.

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Color

**XYZ(52.1254, 55.6719,
61.4245)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C6C6
RGB	192, 198, 198
RGB Percent	75%, 78%, 78%
CMY	0.2471, 0.2235, 0.2235
CMYK	0.03, 0.00, 0.00, 0.22
HSL	180°, 5%, 76%
HSV	180°, 3%, 78%
XYZ	52.1254, 55.6719, 61.4245
YIQ	196.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

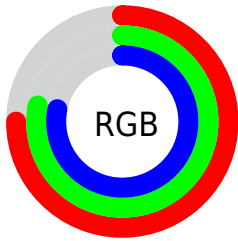
Format	Color
RYB	192, 195, 198
Decimal	12633798
CIELab	79.43, -2.05, -0.73
CIElCh	79, 2.180, 199.488
Yxy	55.6719, 0.3080, 0.3290
Android (android.graphics.Color)	4290823878 (0xFFC0C6C6)
YUV	196.2060, 0.8844, -3.6887
Hunter-Lab	74.6136, -5.8729, 3.4199

Details

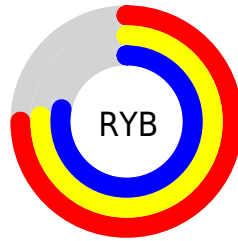
The XYZ color **52.1254, 55.6719, 61.4245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6549, 53.5124, 57.4784**, and the grayscale version is **52.5907, 55.3295, 60.2539**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **25.6548, 27.4491, 30.3316** is the 20% darker color. If you saturate the color by 10%, you get **47.4445, 53.2605, 61.1999**, and if you desaturate by 10%, it is **57.4840, 58.4358, 61.6831**.

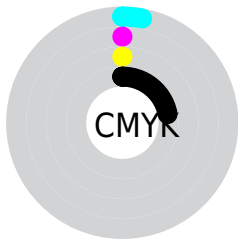
Distribution



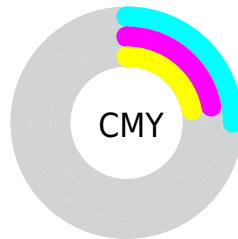
- Red (75%)
- Green (78%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1254, 55.6719, 61.4245 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 52.1254, 55.6719, 61.4245 by changing the saturation by 10% instead.

■ 52.1254, 55.6719,
61.4245

■ 52.1254, 55.6719,
61.4245

385.2365,
408.4538, 447.7783

■ 37.3297, 39.9399,
44.1351

■ 92.4893, 98.5247,
108.4569

■ 25.6377, 27.4917,
30.4387

118.7882,
126.4143, 139.0368

■ 16.6841, 17.9429,
19.9170

149.6522,
159.1253, 174.8841

■ 10.1034, 10.9090,
12.1512

185.4467,
197.0419, 216.4172

■ 5.5304, 6.0057,
6.7230

226.5370,
240.5487, 264.0546

■ 2.5996, 2.8485,
3.2136

273.2885,

■ 0.9457, 1.0532,

290.0301, 318.2149

1.2047

326.0666,
345.8703, 379.3166

■ 0.0000, 0.0000,
0.0000

■ 52.1254, 55.6719,
61.4245

■ 52.1254, 55.6719,
61.4245

■ 47.4445, 53.2605,
61.1999

■ 57.4840, 58.4358,
61.6831

■ 43.4098, 51.1807,
61.0044

■ 63.5407, 61.5580,
61.9733

■ 39.9944, 49.4201,
60.8379

■ 70.3212, 65.0533,
62.2973

■ 37.1675, 47.9630,
60.6989

■ 71.6335, 65.7297,
62.3654

■ 34.8961, 46.7922,
60.5859

■ 71.6348, 65.7302,
62.3721

■ 33.1434, 45.8888,
60.4972

■ 71.6361, 65.7307,
62.3789

■ 31.8686, 45.2317,
60.4308

■ 71.6373, 65.7312,
62.3856

■ 31.0246, 44.7968,
60.3846

■ 71.6386, 65.7317,
62.3924

■ 30.5548, 44.5547,
60.3560

■ 71.6399, 65.7322,
62.3991

Harmonies

Analogous

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



52.0917, 55.6719, 60.1787



52.1254, 55.6719, 61.4245



52.3699, 55.6719, 62.4674

Triad

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



52.1254, 55.6719, 61.4245



53.5566, 55.6719, 62.1958



53.0681, 55.6719, 58.2792

Complementary

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



52.1254, 55.6719, 61.4245



51.6549, 53.5124, 57.4784

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.



53.4628, 55.6719, 58.8040



52.1254, 55.6719, 61.4245



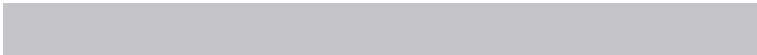
53.7459, 55.6719, 61.0579

Square

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



52.1254, 55.6719, 61.4245



53.1956, 55.6719, 62.9169



53.7115, 55.6719, 59.8171



52.6343, 55.6719, 58.3743

Rectangle

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



52.1254, 55.6719, 61.4245



52.6202, 55.6719, 62.9018



53.7115, 55.6719, 59.8171



53.2098, 55.6719, 58.3887

Sweetspot

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



52.1270, 55.6743, 61.4257



94.1178, 99.5195, 108.8552



51.4737, 55.4159, 57.8535



20.1549, 21.3063, 23.3000



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.



52.1270, 55.6743, 61.4257



91.3955, 98.1162, 108.7242



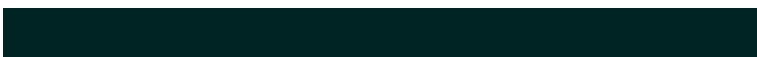
51.4704, 54.3606, 61.2088



11.4434, 12.3236, 13.6924



19.7533, 28.9137, 39.2411



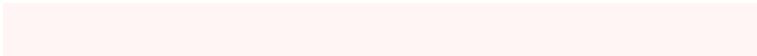
0.9354, 1.3691, 1.8585

Inverse Universe

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



51.6549, 53.5124, 57.4784



90.2837, 93.0246, 99.4279



52.2979, 54.7990, 57.6910



11.2822, 11.5855, 12.3446



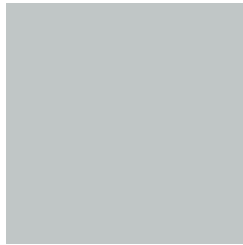
15.1457, 7.8079, 0.7114



0.7172, 0.3697, 0.0341

Previews

White Background



This preview shows how the XYZ color 52.1254, 55.6719, 61.4245 looks on a white background.

Color Contrast Check

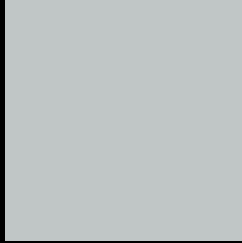
Large Text (above 18pt) WCAG AA × Fail

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 52.1254, 55.6719, 61.4245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

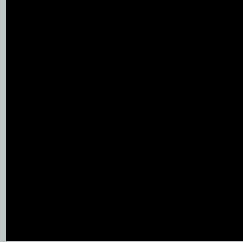
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

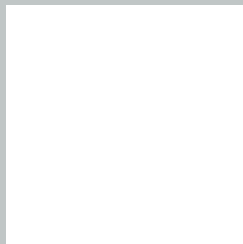
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1254, 55.6719, 61.4245

Background



This preview shows how black text looks on a background with the XYZ color 52.1254, 55.6719, 61.4245.

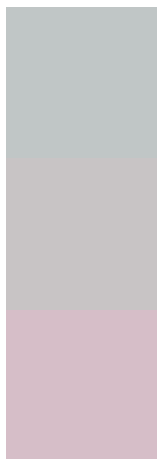


This preview shows how white text looks on a background with the XYZ color 52.1254, 55.6719,

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

52.1254, 55.6719, 61.4245

Protanopia

53.6374, 55.7904, 60.7650

Deuteranopia

56.5703, 55.2932, 62.3347



Tritanopia

53.7459, 55.6523, 69.5373

Trichromacy



Original Color

52.1254, 55.6719, 61.4245

Protanomaly

53.0703, 55.8340, 60.8033

Deuteranomaly

54.8324, 55.3853, 61.8333

Tritanomaly

53.0991, 55.7262, 66.3501

Monochromacy



Original Color

52.1254, 55.6719, 61.4245

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.5500, 55.5658, 60.7789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1254, 55.6719, 61.4245 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, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 198)  
}
```

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, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 52.1254, 55.6719, 61.4245 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, 198, 198) }
```


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

```
.border{ border-color:rgb(192, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1254, 55.6719, 61.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 198) }
```

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

```
.background{ background-color: rgb(192,  
198, 198) }
```

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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