

Converting Colors

XYZ(52.6511, 56.3631, 62.3099)

Have a look what the booklet for
XYZ(52.6511, 56.3631, 62.3099)
contains.

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Color

**XYZ(52.4705, 56.1768,
62.1106)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C7C7
RGB	192, 199, 199
RGB Percent	75%, 78%, 78%
CMY	0.2471, 0.2196, 0.2196
CMYK	0.04, 0.00, 0.00, 0.22
HSL	180°, 6%, 77%
HSV	180°, 4%, 78%
XYZ	52.4705, 56.1768, 62.1106
YIQ	196.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

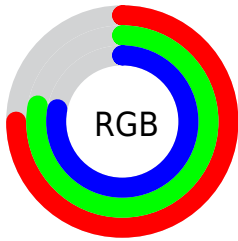
Format	Color
RYB	192, 196, 199
Decimal	12634055
CIELab	79.71, -2.39, -0.84
CIElCh	80, 2.538, 199.431
Yxy	56.1768, 0.3073, 0.3290
Android (android.graphics.Color)	4290824135 (0xFFC0C7C7)
YUV	196.9070, 1.0318, -4.3034
Hunter-Lab	74.9512, -6.2034, 3.3333

Details

The XYZ color **52.4705, 56.1768, 62.1106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9193, 53.6487, 57.4907**, and the grayscale version is **53.0119, 55.7727, 60.7364**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **25.8837, 27.7841, 30.7867** is the 20% darker color. If you saturate the color by 10%, you get **47.7679, 53.7542, 61.8865**, and if you desaturate by 10%, it is **57.8576, 58.9554, 62.3690**.

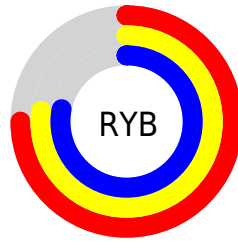
Distribution



Red (75%)

Green (78%)

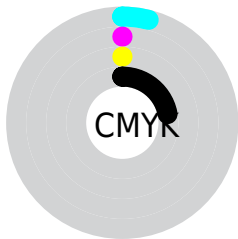
Blue (78%)



Red (75%)

Yellow (77%)

Blue (78%)

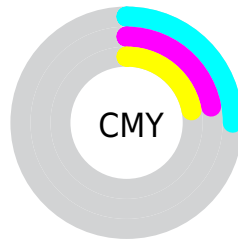


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4705, 56.1768, 62.1106 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 52.4705, 56.1768, 62.1106 by changing the saturation by 10% instead.

■ 52.4705, 56.1768,
62.1106

■ 52.4705, 56.1768,
62.1106

386.5445,
410.3574, 450.3532

■ 37.6060, 40.3447,
44.6857

■ 92.9949, 99.2630,
109.4585

■ 25.8529, 27.8074,
30.8688

119.3855,
127.2859, 140.2186

■ 16.8457, 18.1805,
20.2413

150.3489,
160.1412, 176.2608

■ 10.2192, 11.0797,
12.3848

186.2504,
198.2133, 218.0038

■ 5.6079, 6.1204,
6.8806

227.4553,
241.8866, 265.8659

■ 2.6465, 2.9185,
3.3102

274.3291,

■ 0.9697, 1.0893,

291.5455, 320.2659

1.2551

327.2370,
347.5743, 381.6221

■ 0.0000, 0.0000,
0.0246

■ 0.0000, 0.0000,
0.0000

■ 52.4705, 56.1768,
62.1106

■ 52.4705, 56.1768,
62.1106

■ 47.7679, 53.7542,
61.8865

■ 57.8576, 58.9554,
62.3690

■ 43.7180, 51.6665,
61.6919

■ 63.9501, 62.0961,
62.6593

■ 40.2932, 49.9011,
61.5265

■ 70.7738, 65.6137,
62.9838

■ 37.4626, 48.4420,
61.3888

■ 71.9774, 66.2341,
63.0452

■ 35.1922, 47.2717,
61.2774

■ 71.9784, 66.2345,
63.0504

■ 33.4449, 46.3710,
61.1905

■ 71.9793, 66.2349,
63.0556

■ 32.1789, 45.7185,
61.1262

■ 71.9803, 66.2353,
63.0608

■ 31.3463, 45.2894,
61.0821

■ 71.9813, 66.2357,
63.0660

■ 30.8890, 45.0537,
61.0555

■ 71.9823, 66.2360,
63.0712

Harmonies

Analogous

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



52.4316, 56.1768, 60.6508



52.4705, 56.1768, 62.1106



52.7561, 56.1768, 63.3358

Triad

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



52.4705, 56.1768, 62.1106



54.1464, 56.1768, 63.0207



53.5753, 56.1768, 58.4346

Complementary

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



52.4705, 56.1768, 62.1106



51.9193, 53.6487, 57.4907

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.



54.0378, 56.1768, 59.0483



52.4705, 56.1768, 62.1106



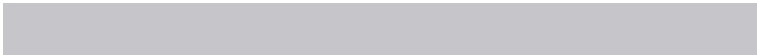
54.3689, 56.1768, 61.6861

Square

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



52.4705, 56.1768, 62.1106



53.7228, 56.1768, 63.8671



54.3290, 56.1768, 60.2330



53.0672, 56.1768, 58.5441

Rectangle

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



52.4705, 56.1768, 62.1106



53.0489, 56.1768, 63.8473



54.3290, 56.1768, 60.2330



53.7413, 56.1768, 58.5627

Sweetspot

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



52.4721, 56.1792, 62.1118



94.1179, 99.5195, 108.8555



51.7073, 55.8767, 57.9302



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.



52.4721, 56.1792, 62.1118



91.3957, 98.1162, 108.7253



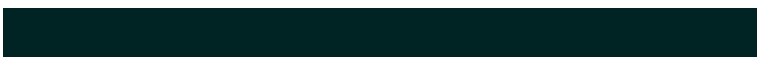
51.7023, 54.6390, 61.8569



11.4434, 12.3236, 13.6925



19.7553, 28.9145, 39.2515



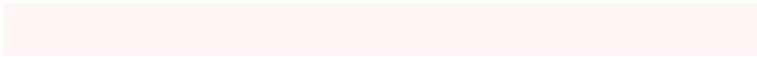
0.9355, 1.3691, 1.8589

Inverse Universe

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



51.9193, 53.6487, 57.4907



90.2835, 93.0245, 99.4268



52.6708, 55.1522, 57.7396



11.2822, 11.5855, 12.3444



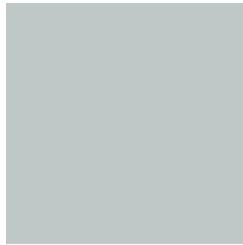
15.1456, 7.8078, 0.7108



0.7172, 0.3697, 0.0340

Previews

White Background



This preview shows how the XYZ color 52.4705, 56.1768, 62.1106 looks on a white background.

Color Contrast Check

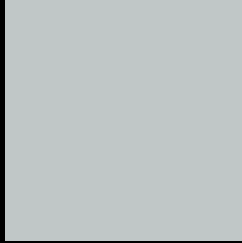
Large Text (above 18pt) WCAG AA × Fail

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 52.4705, 56.1768, 62.1106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

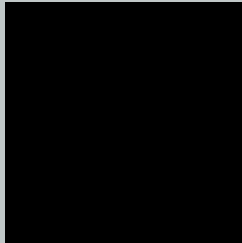
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

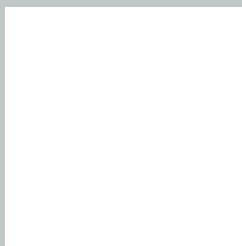
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4705, 56.1768, 62.1106

Background



This preview shows how black text looks on a background with the XYZ color 52.4705, 56.1768, 62.1106.



This preview shows how white text looks on a background with the XYZ color 52.4705, 56.1768,

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

52.4705, 56.1768, 62.1106

Protanopia

54.0204, 55.9746, 61.3831

Deuteranopia

57.1977, 55.9257, 63.0384



Tritanopia

54.0981, 56.1553, 70.2751

Trichromacy



Original Color

52.4705, 56.1768, 62.1106

Protanomaly

53.4480, 56.0155, 61.4211

Deuteranomaly

55.4492, 56.0191, 62.5339

Tritanomaly

53.4489, 56.2306, 67.0680

Monochromacy



Original Color

52.4705, 56.1768, 62.1106

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8928, 56.0675, 61.4604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4705, 56.1768, 62.1106 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, 199, 199)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 52.4705, 56.1768, 62.1106 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, 199, 199) }
```


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

```
.border{ border-color:rgb(192, 199, 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, 199, 199)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 52.4705, 56.1768, 62.1106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(192,  
199, 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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