

Converting Colors

XYZ(52.8849, 56.3626, 62.0674)

Have a look what the booklet for
XYZ(52.8849, 56.3626, 62.0674)
contains.

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Color

**XYZ(52.9804, 56.4397,
62.1344)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C7C7
RGB	194, 199, 199
RGB Percent	76%, 78%, 78%
CMY	0.2392, 0.2196, 0.2196
CMYK	0.03, 0.00, 0.00, 0.22
HSL	180°, 4%, 77%
HSV	180°, 3%, 78%
XYZ	52.9804, 56.4397, 62.1344
YIQ	197.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

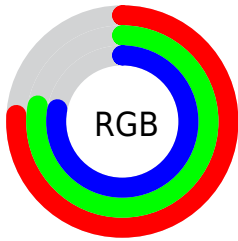
Format	Color
RYB	194, 197, 199
Decimal	12765127
CIELab	79.86, -1.71, -0.61
CIELCh	80, 1.816, 199.570
Yxy	56.4397, 0.3088, 0.3290
Android (android.graphics.Color)	4290955207 (0xFFC2C7C7)
YUV	197.5050, 0.7370, -3.0739
Hunter-Lab	75.1264, -5.5899, 3.5518

Details

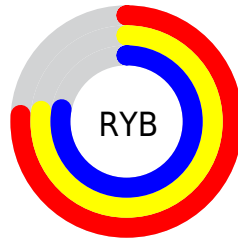
The XYZ color **52.9804, 56.4397, 62.1344** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5847, 54.6223, 58.8135**, and the grayscale version is **53.3746, 56.1542, 61.1519**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **26.0515, 27.8706, 30.7946** is the 20% darker color. If you saturate the color by 10%, you get **48.2101, 53.9823, 61.9045**, and if you desaturate by 10%, it is **58.4379, 59.2546, 62.3988**.

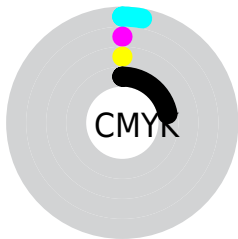
Distribution



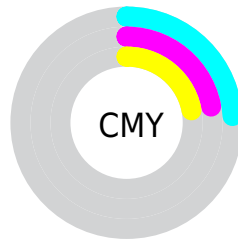
- Red (76%)
- Green (78%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9804, 56.4397, 62.1344 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 52.9804, 56.4397, 62.1344 by changing the saturation by 10% instead.

■ 52.9804, 56.4397,
62.1344

■ 52.9804, 56.4397,
62.1344

388.4720,
411.3465, 450.4423

■ 38.0145, 40.5556,
44.7048

■ 93.7412, 99.6472,
109.4932

■ 26.1712, 27.9720,
30.8837

120.2669,
127.7393, 140.2596

■ 17.0851, 18.3045,
20.2526

151.3766,
160.6696, 176.3086

■ 10.3909, 11.1688,
12.3929

187.4355,
198.8223, 218.0587

■ 5.7231, 6.1805,
6.8861

228.8092,
242.5820, 265.9287

■ 2.7165, 2.9552,
3.3136

275.8630,

■ 1.0057, 1.1084,

292.3330, 320.3369

1.2569

328.9621,
348.4597, 381.7019

■ 0.0000, 0.0000,
0.0261

■ 0.0000, 0.0000,
0.0000

■ 52.9804, 56.4397,
62.1344

■ 52.9804, 56.4397,
62.1344

■ 48.2101, 53.9823,
61.9045

■ 58.4379, 59.2546,
62.3988

■ 44.0951, 51.8611,
61.7041

■ 64.6033, 62.4328,
62.6951

■ 40.6084, 50.0638,
61.5331

■ 71.5024, 65.9892,
63.0258

■ 37.7190, 48.5744,
61.3901

■ 71.9794, 66.2350,
63.0560

■ 35.3934, 47.3757,
61.2734

■ 71.9809, 66.2356,
63.0639

■ 33.5948, 46.4487,
61.1814

■ 71.9824, 66.2362,
63.0718

■ 32.2820, 45.7721,
61.1122

■ 71.9839, 66.2368,
63.0797

■ 31.4078, 45.3216,
61.0634

■ 71.9854, 66.2374,
63.0876

■ 30.9153, 45.0679,
61.0326

■ 71.9869, 66.2380,
63.0955

Harmonies

Analogous

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



52.9515, 56.4397, 61.0872



52.9804, 56.4397, 62.1344



53.1867, 56.4397, 63.0085

Triad

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



52.9804, 56.4397, 62.1344



54.1846, 56.4397, 62.7766



53.7724, 56.4397, 59.4820

Complementary

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



52.9804, 56.4397, 62.1344



52.5847, 54.6223, 58.8135

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.



54.1044, 56.4397, 59.9238



52.9804, 56.4397, 62.1344



54.3430, 56.4397, 61.8208

Square

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



52.9804, 56.4397, 62.1344



53.8816, 56.4397, 63.3822



54.3136, 56.4397, 60.7771



53.4076, 56.4397, 59.5638

Rectangle

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



52.9804, 56.4397, 62.1344



53.3977, 56.4397, 63.3715



54.3136, 56.4397, 60.7771



53.8916, 56.4397, 59.5740

Sweetspot

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



52.9820, 56.4421, 62.1356



94.1178, 99.5195, 108.8550



52.4322, 56.2247, 59.1289



20.1549, 21.3063, 23.2999



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.



52.9820, 56.4421, 62.1356



92.2905, 98.5775, 108.7667



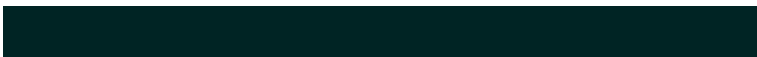
52.4304, 55.3383, 61.9536



11.5467, 12.3769, 13.6972



19.7520, 28.9132, 39.2344



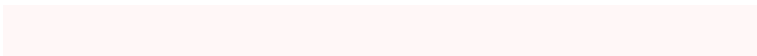
0.9354, 1.3691, 1.8583

Inverse Universe

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



52.5847, 54.6223, 58.8135



91.4512, 94.7331, 101.7485



53.1269, 55.7073, 58.9924



11.4170, 11.7827, 12.6125



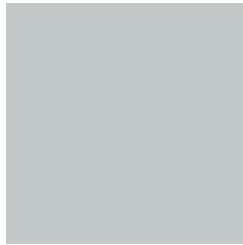
15.1458, 7.8079, 0.7118



0.7173, 0.3697, 0.0342

Previews

White Background



This preview shows how the XYZ color 52.9804, 56.4397, 62.1344 looks on a white background.

Color Contrast Check

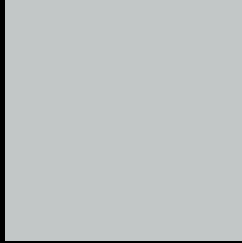
Large Text (above 18pt) WCAG AA × Fail

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 52.9804, 56.4397, 62.1344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

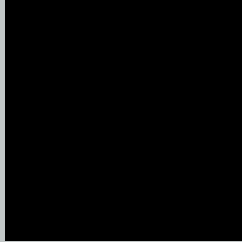
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

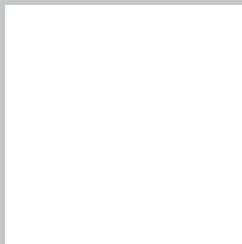
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9804, 56.4397, 62.1344

Background



This preview shows how black text looks on a background with the XYZ color 52.9804, 56.4397, 62.1344.

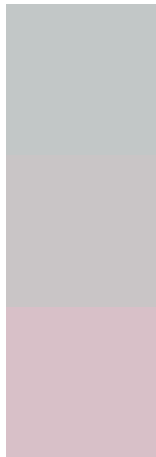


This preview shows how white text looks on a background with the XYZ color 52.9804, 56.4397,

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

52.9804, 56.4397, 62.1344

Protanopia

54.2467, 56.4272, 61.4585

Deuteranopia

57.5939, 56.4683, 62.5075



Tritanopia

54.6149, 56.4217, 70.2993

Trichromacy



Original Color

52.9804, 56.4397, 62.1344

Protanomaly

53.6758, 56.4712, 61.4971

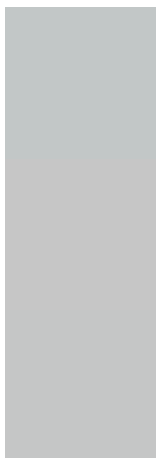
Deuteranomaly

55.9529, 56.6102, 62.6214

Tritanomaly

53.9622, 56.4953, 67.0920

Monochromacy



Original Color

52.9804, 56.4397, 62.1344

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4131, 56.3357, 61.4848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9804, 56.4397, 62.1344 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, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.9804, 56.4397, 62.1344 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, 199, 199) }
```


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

```
.border{ border-color:rgb(194, 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(194, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9804, 56.4397, 62.1344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 199) }
```

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

```
.background{ background-color: rgb(194,  
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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