

Converting Colors

XYZ(54.2122, 56.8801, 62.9146)

Have a look what the booklet for
XYZ(54.2122, 56.8801, 62.9146)
contains.

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Color

**XYZ(54.1726, 56.7004,
62.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C6C8
RGB	199, 198, 200
RGB Percent	78%, 78%, 78%
CMY	0.2196, 0.2235, 0.2157
CMYK	0.01, 0.01, 0.00, 0.22
HSL	270°, 2%, 78%
HSV	270°, 1%, 78%
XYZ	54.1726, 56.7004, 62.7327
YIQ	198.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

Format	Color
R_{YB}	199, 198, 200
Decimal	13092552
CIE _{Lab}	80.01, 0.72, -0.89
CIE _{LCh}	80, 1.139, 309.008
Yxy	56.7004, 0.3120, 0.3266
Android (android.graphics.Color)	4291282632 (0xFFC7C6C8)
YUV	198.5270, 0.7262, 0.4148
Hunter-Lab	75.2997, -3.3567, 3.3148

Details

The XYZ color **54.1726, 56.7004, 62.7327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4027, 57.5295, 61.6659**, and the grayscale version is **53.9944, 56.8063, 61.8620**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **26.8386, 28.0416, 31.1921** is the 20% darker color. If you saturate the color by 10%, you get **47.3290, 46.8295, 61.1890**, and if you desaturate by 10%, it is **61.7981, 67.8736, 64.4883**.

Distribution



Red (78%)

Green (78%)

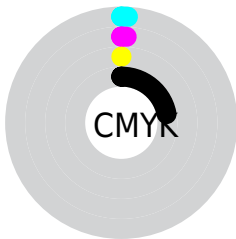
Blue (78%)



Red (78%)

Yellow (78%)

Blue (78%)



Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1726, 56.7004, 62.7327 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 54.1726, 56.7004, 62.7327 by changing the saturation by 10% instead.

■ 54.1726, 56.7004,
62.7327

■ 54.1726, 56.7004,
62.7327

392.9555,
412.3257, 452.6800

■ 38.9709, 40.7648,
45.1854

95.4830, 100.0279,
110.3656

■ 26.9177, 28.1353,
31.2595

122.3225,
128.1885, 141.2883

■ 17.6477, 18.4277,
20.5364

153.7718,
161.1930, 177.5066

■ 10.7955, 11.2575,
12.5976

190.1965,
199.4256, 219.4389

■ 5.9958, 6.2403,
7.0246

231.9619,
243.2708, 267.5039

■ 2.8831, 2.9917,
3.3988

279.4333,

■ 1.0923, 1.1274,

293.1129, 322.1200

1.3017

332.9760,
349.3364, 383.7059

■ 0.0186, 0.0012,
0.0632

■ 0.0000, 0.0000,
0.0000

■ 54.1726, 56.7004,
62.7327

■ 54.1726, 56.7004,
62.7327

■ 47.3290, 46.8295,
61.1890

■ 61.7981, 67.8736,
64.4883

■ 41.2356, 38.2051,
59.8454

■ 70.2260, 80.3880,
66.4596

■ 35.8657, 30.7777,
58.6948

■ 78.5160, 92.3572,
68.3330

■ 31.1887, 24.4919,
57.7281

■ 81.8065, 94.0535,
68.4870

■ 27.1721, 19.2877,
56.9352

■ 85.2845, 95.8465,
68.6497

■ 23.7801, 15.0995,
56.3056

■ 87.4255, 96.9502,
68.7499

■ 20.9734, 11.8542,
55.8272

■ 18.7072, 9.4687,
55.4861

■ 16.9291, 7.8441,
55.2663

Harmonies

Analogous

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



53.9617, 56.7004, 63.0044



54.1726, 56.7004, 62.7327



54.3086, 56.7004, 62.1948

Triad

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



54.1726, 56.7004, 62.7327



54.0516, 56.7004, 60.5549



53.4537, 56.7004, 61.9368

Complementary

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



54.1726, 56.7004, 62.7327



54.4027, 57.5295, 61.6659

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.



53.4776, 56.7004, 61.2817



54.1726, 56.7004, 62.7327



53.8224, 56.7004, 60.4869

Square

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



54.1726, 56.7004, 62.7327



54.2386, 56.7004, 60.9384



53.6124, 56.7004, 60.7521



53.5470, 56.7004, 62.5427

Rectangle

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



54.1726, 56.7004, 62.7327



54.3382, 56.7004, 61.7592



53.6124, 56.7004, 60.7521



53.4483, 56.7004, 61.7150

Sweetspot

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



54.1742, 56.7028, 62.7339

95.0500, 100.0000, 108.9000



54.1473, 57.0402, 62.8005



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.



54.1742, 56.7028, 62.7339



93.7735, 98.1423, 108.6087



54.4316, 56.8355, 62.7460



11.8245, 12.3803, 13.6839



10.0613, 4.4211, 35.0674



0.5599, 0.2524, 1.6644

Inverse Universe

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



54.3243, 56.7936, 62.1349



94.0376, 98.3021, 107.5550



54.1469, 57.3976, 61.6539



11.8552, 12.3989, 13.5611



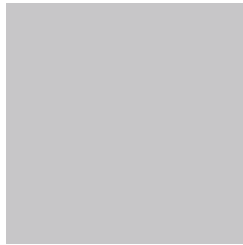
16.6585, 8.4130, 8.6776



0.8253, 0.4130, 0.6034

Previews

White Background



This preview shows how the XYZ color 54.1726, 56.7004, 62.7327 looks on a white background.

Color Contrast Check

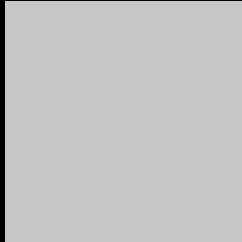
Large Text (above 18pt) WCAG AA × Fail

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 54.1726, 56.7004, 62.7327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

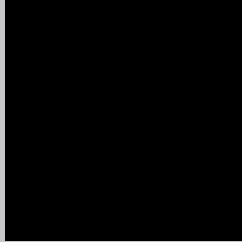
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

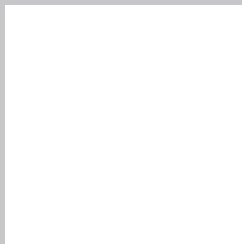
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1726, 56.7004, 62.7327

Background



This preview shows how black text looks on a background with the XYZ color 54.1726, 56.7004, 62.7327.

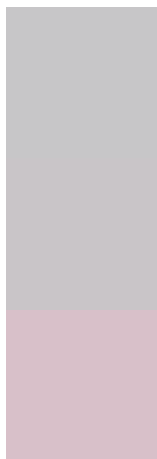


This preview shows how white text looks on a background with the XYZ color 54.1726, 56.7004, 62.7327.

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

54.1726, 56.7004, 62.7327

Protanopia

54.4790, 56.5201, 62.6817

Deuteranopia

57.7112, 56.5152, 63.1252



Tritanopia

55.7110, 56.6508, 70.2858

Trichromacy



Original Color

54.1726, 56.7004, 62.7327

Protanomaly

54.2110, 56.3820, 62.6692

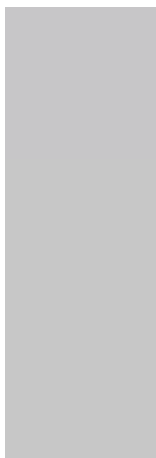
Deuteranomaly

56.4127, 56.5023, 63.1911

Tritanomaly

55.1708, 56.7659, 67.7236

Monochromacy



Original Color

54.1726, 56.7004, 62.7327

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.2854, 57.1125, 62.1955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1726, 56.7004, 62.7327 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(199, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 200)  
}
```

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(199, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 200) }
```

Border

The CSS property to change the border of an element to XYZ 54.1726, 56.7004, 62.7327 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(199, 198, 200) }
```

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

```
.border{ border-color:rgb(199, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
200) }
```


Background

The CSS property to change the background color of an element to XYZ 54.1726, 56.7004, 62.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 200) }
```

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

```
.background{ background-color: rgb(199,  
198, 200) }
```

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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