

Converting Colors

XYZ(53.6241, 56.6257, 62.0755)

Have a look what the booklet for
XYZ(53.6241, 56.6257, 62.0755)
contains.

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Color

**XYZ(53.7582, 56.8407,
62.1708)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C7C7
RGB	197, 199, 199
RGB Percent	77%, 78%, 78%
CMY	0.2274, 0.2196, 0.2196
CMYK	0.01, 0.00, 0.00, 0.22
HSL	180°, 2%, 78%
HSV	180°, 1%, 78%
XYZ	53.7582, 56.8407, 62.1708
YIQ	198.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

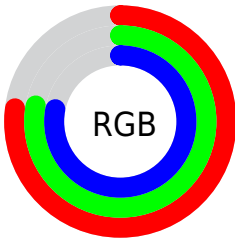
Format	Color
RYB	197, 198, 199
Decimal	12961735
CIELab	80.09, -0.68, -0.25
CIElCh	80, 0.728, 200.102
Yxy	56.8407, 0.3112, 0.3290
Android (android.graphics.Color)	4291151815 (0xFFC5C7C7)
YUV	198.4020, 0.2948, -1.2296
Hunter-Lab	75.3928, -4.6594, 3.8829

Details

The XYZ color **53.7582, 56.8407, 62.1708** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5996, 56.1074, 60.8310**, and the grayscale version is **53.9212, 56.7293, 61.7783**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **26.5639, 28.1348, 30.8185** is the 20% darker color. If you saturate the color by 10%, you get **48.8840, 54.3300, 61.9234**, and if you desaturate by 10%, it is **59.3235, 59.7109, 62.4529**.

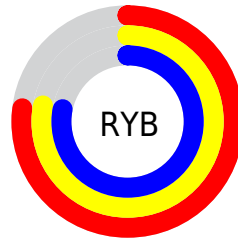
Distribution



Red (77%)

Green (78%)

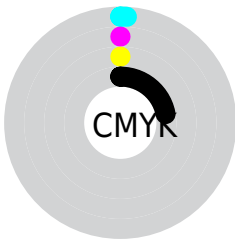
Blue (78%)



Red (77%)

Yellow (78%)

Blue (78%)

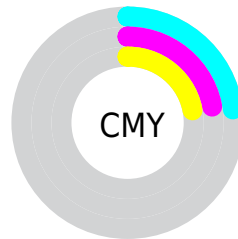


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7582, 56.8407, 62.1708 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 53.7582, 56.8407, 62.1708 by changing the saturation by 10% instead.

■ 53.7582, 56.8407,
62.1708

■ 53.7582, 56.8407,
62.1708

391.4007,
412.8521, 450.5787

■ 38.6383, 40.8774,
44.7340

94.8781, 100.2327,
109.5463

■ 26.6579, 28.2233,
30.9066

121.6088,
128.4302, 140.3222

■ 17.4517, 18.4940,
20.2698

152.9404,
161.4745, 176.3815

■ 10.6544, 11.3053,
12.4053

189.2384,
199.7500, 218.1428

■ 5.9005, 6.2725,
6.8945

230.8681,
243.6411, 266.0246

■ 2.8248, 3.0115,
3.3187

278.1948,

■ 1.0618, 1.1377,

293.5322, 320.4455

1.2596

331.5839,
349.8078, 381.8240

■ 0.0000, 0.0100,
0.0283

■ 0.0000, 0.0000,
0.0000

■ 53.7582, 56.8407,
62.1708

■ 53.7582, 56.8407,
62.1708

■ 48.8840, 54.3300,
61.9234

■ 59.3235, 59.7109,
62.4529

■ 44.6694, 52.1578,
61.7057

■ 65.6004, 62.9463,
62.7671

■ 41.0875, 50.3117,
61.5176

■ 71.9853, 66.2373,
63.0864

■ 38.1077, 48.7760,
61.3576

■ 71.9892, 66.2389,
63.1071

■ 35.6970, 47.5337,
61.2244

■ 71.9931, 66.2405,
63.1278

■ 33.8190, 46.5660,
61.1160

■ 71.9970, 66.2421,
63.1485

■ 32.4335, 45.8522,
61.0307

■ 72.0010, 66.2436,
63.1692

■ 31.4940, 45.3683,
60.9663

■ 72.0049, 66.2452,
63.1899

■ 30.9457, 45.0861,
60.9202

■ 72.0088, 66.2468,
63.2106

Harmonies

Analogous

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



53.7451, 56.8407, 61.7497



53.7582, 56.8407, 62.1708



53.8428, 56.8407, 62.5181

Triad

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



53.7582, 56.8407, 62.1708



54.2443, 56.8407, 62.4148



54.0744, 56.8407, 61.0893

Complementary

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



53.7582, 56.8407, 62.1708



53.5996, 56.1074, 60.8310

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.



54.2084, 56.8407, 61.2658



53.7582, 56.8407, 62.1708



54.3066, 56.8407, 62.0303

Square

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



53.7582, 56.8407, 62.1708



54.1234, 56.8407, 62.6595



54.2934, 56.8407, 61.6098



53.9275, 56.8407, 61.1266

Rectangle

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



53.7582, 56.8407, 62.1708



53.9284, 56.8407, 62.6605



54.2934, 56.8407, 61.6098



54.1224, 56.8407, 61.1256

Sweetspot

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



53.7598, 56.8431, 62.1720

95.0500, 100.0000, 108.9000



53.5378, 56.7553, 60.9573



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.



53.7598, 56.8431, 62.1720



94.1174, 99.5193, 108.8527



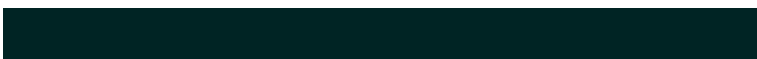
53.5381, 56.3991, 62.1001



11.8645, 12.5407, 13.7123



19.7367, 28.9070, 39.1535



0.9348, 1.3689, 1.8553

Inverse Universe

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



53.5996, 56.1074, 60.8310



93.8347, 98.2209, 106.4863



53.8198, 56.5484, 60.9025



11.8316, 12.3894, 13.4366



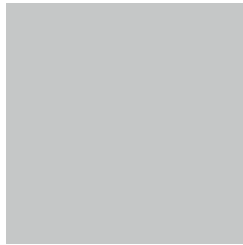
15.1468, 7.8083, 0.7168



0.7175, 0.3698, 0.0353

Previews

White Background



This preview shows how the XYZ color 53.7582, 56.8407, 62.1708 looks on a white background.

Color Contrast Check

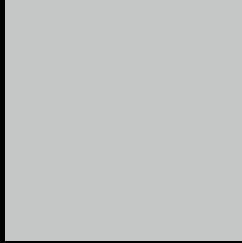
Large Text (above 18pt) WCAG AA × Fail

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 53.7582, 56.8407, 62.1708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

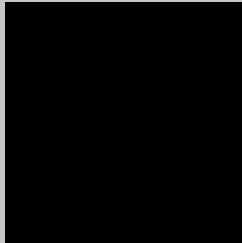
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

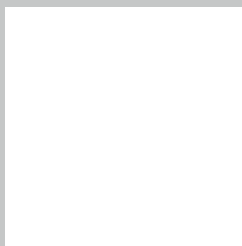
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7582, 56.8407, 62.1708

Background



This preview shows how black text looks on a background with the XYZ color 53.7582, 56.8407, 62.1708.

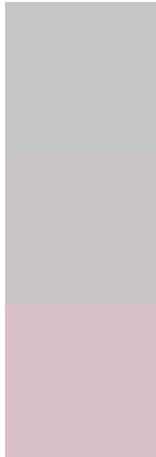


This preview shows how white text looks on a background with the XYZ color 53.7582, 56.8407,

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

53.7582, 56.8407, 62.1708

Protanopia

54.7442, 57.0219, 61.5471

Deuteranopia

57.8902, 56.6211, 62.5214



Tritanopia

55.4031, 56.8281, 70.3362

Trichromacy



Original Color

53.7582, 56.8407, 62.1708

Protanomaly

54.2065, 56.7447, 61.5219

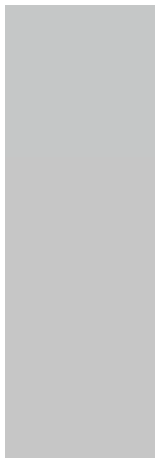
Deuteranomaly

56.5188, 56.9020, 62.6479

Tritanomaly

54.7453, 56.8989, 67.1287

Monochromacy



Original Color

53.7582, 56.8407, 62.1708

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.6758, 56.4712, 61.4971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7582, 56.8407, 62.1708 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(197, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 53.7582, 56.8407, 62.1708 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(197, 199, 199) }
```

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

```
.border{ border-color:rgb(197, 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(197, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 199,  
199) }
```


Background

The CSS property to change the background color of an element to XYZ 53.7582, 56.8407, 62.1708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 199, 199) }
```

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

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