

Converting Colors

XYZ(54.4307, 56.8313, 62.6936)

Have a look what the booklet for
XYZ(54.4307, 56.8313, 62.6936)
contains.

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Color

**XYZ(54.4388, 56.8377,
62.7451)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C6C8
RGB	200, 198, 200
RGB Percent	78%, 78%, 78%
CMY	0.2157, 0.2235, 0.2157
CMYK	0.00, 0.01, 0.00, 0.22
HSL	300°, 2%, 78%
HSV	300°, 1%, 78%
XYZ	54.4388, 56.8377, 62.7451
YIQ	198.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

Format	Color
R _{YB}	200, 198, 200
Decimal	13158088
CIE Lab	80.09, 1.06, -0.76
CIE LCh	80, 1.307, 324.297
Yxy	56.8377, 0.3128, 0.3266
Android (android.graphics.Color)	4291348168 (0xFFC8C6C8)
YUV	198.8260, 0.5788, 1.0296
Hunter-Lab	75.3908, -3.0411, 3.4286

Details

The XYZ color **54.4388, 56.8377, 62.7451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1383, 57.3931, 61.6537**, and the grayscale version is **54.1775, 56.9989, 62.0718**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.0156, 28.1328, 31.2004** is the 20% darker color. If you saturate the color by 10%, you get **50.1659, 48.2921, 61.3217**, and if you desaturate by 10%, it is **59.3186, 66.5955, 64.3722**.

Distribution



Red (78%)

Green (78%)

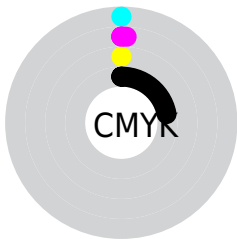
Blue (78%)



Red (78%)

Yellow (78%)

Blue (78%)



Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4388, 56.8377, 62.7451 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 54.4388, 56.8377, 62.7451 by changing the saturation by 10% instead.

■ 54.4388, 56.8377,
62.7451

■ 54.4388, 56.8377,
62.7451

393.9522,
412.8409, 452.7263

■ 39.1846, 40.8750,
45.1954

95.8713, 100.2283,
110.3837

■ 27.0848, 28.2214,
31.2673

122.7805,
128.4250, 141.3096

■ 17.7738, 18.4926,
20.5423

154.3053,
161.4684, 177.5314

■ 10.8864, 11.3042,
12.6019

190.8111,
199.7430, 219.4675

■ 6.0572, 6.2719,
7.0275

232.6634,
243.6332, 267.5365

■ 2.9209, 3.0111,
3.4006

280.2274,

■ 1.1121, 1.1375,

293.5233, 322.1569

1.3026

333.8686,
349.7977, 383.7473

■ 0.0352, 0.0098,
0.0639

■ 0.0000, 0.0000,
0.0000

■ 54.4388, 56.8377,
62.7451

■ 54.4388, 56.8377,
62.7451

■ 50.1659, 48.2921,
61.3217

■ 59.3186, 66.5955,
64.3722

■ 46.4715, 40.9043,
60.0904

■ 64.8226, 77.6025,
66.2067

■ 43.3323, 34.6269,
59.0442

■ 70.0072, 87.9708,
67.9347

■ 40.7214, 29.4062,
58.1741

■ 70.0079, 87.9711,
67.9347

■ 38.6099, 25.1841,
57.4705

■ 70.0086, 87.9715,
67.9348

■ 36.9658, 21.8970,
56.9226

■ 70.0093, 87.9718,
67.9348

■ 35.7537, 19.4738,
56.5188

■ 70.0100, 87.9722,
67.9348

■ 34.9330, 17.8334,
56.2454

■ 70.0107, 87.9725,
67.9349

■ 34.4554, 16.8793,
56.0864

■ 70.0113, 87.9729,
67.9349

Harmonies

Analogous

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



54.2332, 56.8377, 63.2308



54.4388, 56.8377, 62.7451



54.5329, 56.8377, 62.0322

Triad

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



54.4388, 56.8377, 62.7451



54.0734, 56.8377, 60.4409



53.5579, 56.8377, 62.4911

Complementary

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



54.4388, 56.8377, 62.7451



54.1383, 57.3931, 61.6537

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.



53.5153, 56.8377, 61.7412



54.4388, 56.8377, 62.7451



53.8124, 56.8377, 60.5615

Square

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



54.4388, 56.8377, 62.7451



54.3215, 56.8377, 60.7051



53.6084, 56.8377, 61.0360



53.7247, 56.8377, 63.0833

Rectangle

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



54.4388, 56.8377, 62.7451



54.5195, 56.8377, 61.5257



53.6084, 56.8377, 61.0360



53.5286, 56.8377, 62.2489

Sweetspot

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



54.4404, 56.8401, 62.7463

95.0500, 100.0000, 108.9000



53.9183, 56.5823, 62.7241



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.



54.4404, 56.8401, 62.7463



94.2418, 98.3837, 108.6306



54.3280, 56.7952, 62.1542



11.8790, 12.4084, 13.6865



21.7698, 10.4570, 35.6154



1.0308, 0.4952, 1.6864

Inverse Universe

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



54.2086, 56.7474, 61.5255



93.8340, 98.2206, 106.4830



54.2499, 57.4377, 62.2418



11.8315, 12.3894, 13.4362



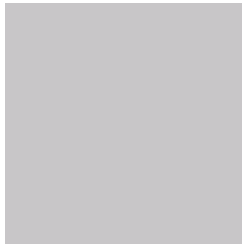
15.1454, 7.8077, 0.7094



0.7172, 0.3697, 0.0337

Previews

White Background



This preview shows how the XYZ color 54.4388, 56.8377, 62.7451 looks on a white background.

Color Contrast Check

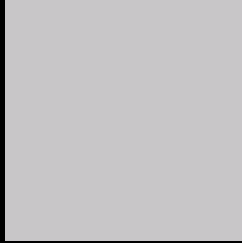
Large Text (above 18pt) WCAG AA × Fail

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 54.4388, 56.8377, 62.7451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

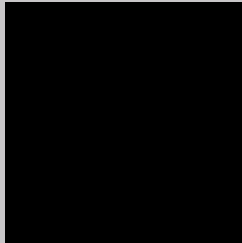
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

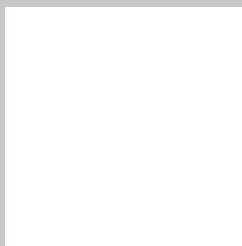
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4388, 56.8377, 62.7451

Background



This preview shows how black text looks on a background with the XYZ color 54.4388, 56.8377, 62.7451.

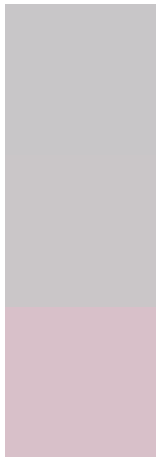


This preview shows how white text looks on a background with the XYZ color 54.4388, 56.8377, 62.7451.

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

54.4388, 56.8377, 62.7451

Protanopia

54.9765, 57.1149, 62.7703

Deuteranopia

57.7112, 56.5152, 63.1252



Tritanopia

55.9807, 56.7899, 70.2984

Trichromacy



Original Color

54.4388, 56.8377, 62.7451

Protanomaly

54.7068, 56.9758, 62.7577

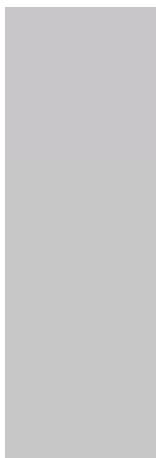
Deuteranomaly

56.4127, 56.5023, 63.1911

Tritanomaly

55.4388, 56.9041, 67.7362

Monochromacy



Original Color

54.4388, 56.8377, 62.7451

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 54.4388, 56.8377, 62.7451 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(200, 198, 200) looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 198, 200) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 54.4388, 56.8377, 62.7451 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(200, 198, 200) }
```

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

```
.border{ border-color:rgb(200, 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(200, 198, 200)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 54.4388, 56.8377, 62.7451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(200,  
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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