

Converting Colors

XYZ(54.5653, 56.6902, 62.8509)

Have a look what the booklet for
XYZ(54.5653, 56.6902, 62.8509)
contains.

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Color

**XYZ(54.4790, 56.5201,
62.6817)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5C8
RGB	201, 197, 200
RGB Percent	79%, 77%, 78%
CMY	0.2118, 0.2274, 0.2157
CMYK	0.00, 0.02, 0.00, 0.21
HSL	315°, 4%, 78%
HSV	315°, 2%, 79%
XYZ	54.4790, 56.5201, 62.6817
YIQ	198.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

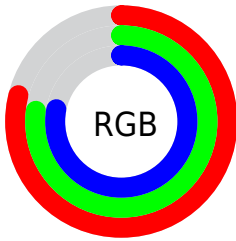
Format	Color
R _Y B	201, 197, 200
Decimal	13223368
CIE Lab	79.91, 1.94, -1.02
CIE LCh	80, 2.186, 332.320
Yxy	56.5201, 0.3137, 0.3254
Android (android.graphics.Color)	4291413448 (0xFFC9C5C8)
YUV	198.5380, 0.7208, 2.1592
Hunter-Lab	75.1799, -2.2149, 3.1925

Details

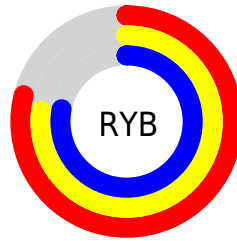
The XYZ color **54.4790, 56.5201, 62.6817** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1078, 57.7224, 61.7187**, and the grayscale version is **54.0005, 56.8127, 61.8690**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **27.0434, 27.9233, 31.1585** is the 20% darker color. If you saturate the color by 10%, you get **49.6382, 47.7631, 58.2159**, and if you desaturate by 10%, it is **59.9509, 66.5068, 67.4547**.

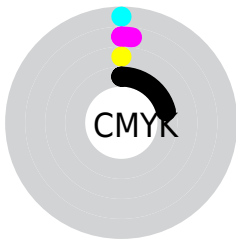
Distribution



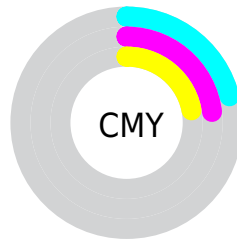
- Red (79%)
- Green (77%)
- Blue (78%)



- Red (79%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4790, 56.5201, 62.6817 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 54.4790, 56.5201, 62.6817 by changing the saturation by 10% instead.

■ 54.4790, 56.5201,
62.6817

■ 54.4790, 56.5201,
62.6817

394.1026,
411.6486, 452.4895

■ 39.2169, 40.6201,
45.1444

95.9300, 99.7646,
110.2913

■ 27.1100, 28.0223,
31.2274

122.8496,
127.8779, 141.2007

■ 17.7929, 18.3425,
20.5122

154.3858,
160.8310, 177.4046

■ 10.9002, 11.1962,
12.5801

190.9039,
199.0084, 219.3214

■ 6.0665, 6.1989,
7.0127

232.7692,
242.7945, 267.3698

■ 2.9266, 2.9664,
3.3915

280.3472,

■ 1.1151, 1.1142,

292.5736, 321.9682

1.2978

334.0032,
348.7302, 383.5353

■ 0.0377, 0.0000,
0.0600

■ 0.0000, 0.0000,
0.0000

■ 54.4790, 56.5201,
62.6817

■ 54.4790, 56.5201,
62.6817

■ 49.6382, 47.7631,
58.2159

■ 59.9509, 66.5068,
67.4547

■ 45.3996, 40.1807,
54.0447

■ 66.0718, 77.7610,
72.5396

■ 41.7391, 33.7241,
50.1597

■ 72.1252, 88.8487,
77.6993

■ 38.6293, 28.3387,
46.5510

■ 72.7821, 89.1114,
81.1581

■ 36.0402, 23.9651,
43.2076

■ 73.4590, 89.3822,
84.7226

■ 33.9391, 20.5380,
40.1177

■ 74.1561, 89.6610,
88.3935

■ 32.2894, 17.9847,
37.2680

■ 74.8736, 89.9480,
92.1719

■ 31.0493, 16.2216,
34.6437

■ 75.6117, 90.2433,
96.0585

■ 30.1686, 15.1490,
32.2269

■ 76.3705, 90.5468,
100.0543

Harmonies

Analogous

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



54.1777, 56.5201, 63.6268



54.4790, 56.5201, 62.6817



54.5768, 56.5201, 61.4420

Triad

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



54.4790, 56.5201, 62.6817



53.6862, 56.5201, 59.1338



53.0036, 56.5201, 62.8551

Complementary

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



54.4790, 56.5201, 62.6817



54.1078, 57.7224, 61.7187

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.



52.8735, 56.5201, 61.6397



54.4790, 56.5201, 62.6817



53.2662, 56.5201, 59.5009

Square

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



54.4790, 56.5201, 62.6817



54.1176, 56.5201, 59.4043



52.9694, 56.5201, 60.4138



53.3257, 56.5201, 63.7279

Rectangle

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



54.4790, 56.5201, 62.6817



54.5130, 56.5201, 60.6184



52.9694, 56.5201, 60.4138



52.9360, 56.5201, 62.4725

Sweetspot

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



54.4806, 56.5225, 62.6829



94.1393, 98.3428, 108.0904



53.7998, 56.1580, 63.2633



20.1593, 21.0669, 23.1444



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.



54.4806, 56.5225, 62.6829



93.2397, 96.7072, 107.2863



54.2486, 56.4297, 61.4612



11.7622, 12.2128, 13.5298



18.6805, 9.2218, 19.3253



0.9123, 0.4477, 1.0611

Inverse Universe

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



54.4806, 56.5225, 62.6829



93.2397, 96.7072, 107.2863



54.3398, 57.8152, 62.9404



11.7622, 12.2128, 13.5298



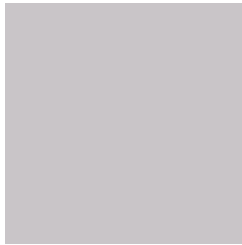
18.6805, 9.2218, 19.3253



0.9123, 0.4477, 1.0611

Previews

White Background



This preview shows how the XYZ color 54.4790, 56.5201, 62.6817 looks on a white background.

Color Contrast Check

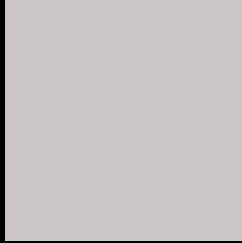
Large Text (above 18pt) WCAG AA × Fail

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 54.4790, 56.5201, 62.6817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

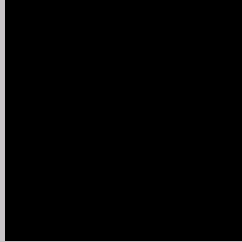
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4790, 56.5201, 62.6817

Background



This preview shows how black text looks on a background with the XYZ color 54.4790, 56.5201, 62.6817.

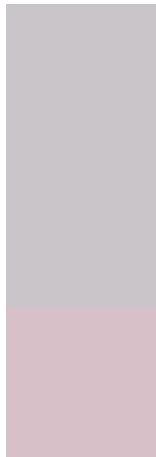


This preview shows how white text looks on a background with the XYZ color 54.4790, 56.5201,

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

54.4790, 56.5201, 62.6817

Protanopia

54.4790, 56.5201, 62.6817

Deuteranopia

57.7112, 56.5152, 63.1252



Tritanopia

55.9016, 56.4299, 69.5737

Trichromacy



Original Color

54.4790, 56.5201, 62.6817

Protanomaly

54.4790, 56.5201, 62.6817

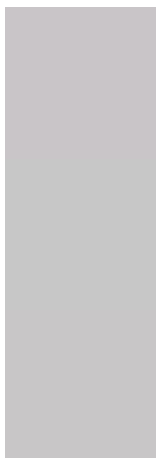
Deuteranomaly

56.6984, 56.6495, 63.2045

Tritanomaly

55.3595, 56.5414, 67.0273

Monochromacy



Original Color

54.4790, 56.5201, 62.6817

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.3223, 56.7910, 62.1315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4790, 56.5201, 62.6817 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(201, 197, 200) looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 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(201, 197, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 200) }
```

Border

The CSS property to change the border of an element to XYZ 54.4790, 56.5201, 62.6817 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(201, 197, 200) }
```


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

```
.border{ border-color:rgb(201, 197, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4790, 56.5201, 62.6817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 200) }
```

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

```
.background{ background-color: rgb(201,  
197, 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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