

# Converting Colors

XYZ(54.9779, 61.3769, 62.3754)

Have a look what the booklet for  
XYZ(54.9779, 61.3769, 62.3754)  
contains.

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# Color

**XYZ(54.9779, 61.3769,  
62.3754)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0D2C6
RGB	192, 210, 198
RGB Percent	75%, 82%, 78%
CMY	0.2471, 0.1765, 0.2235
CMYK	0.09, 0.00, 0.06, 0.18
HSL	140°, 17%, 79%
HSV	140°, 9%, 82%
XYZ	54.9779, 61.3769, 62.3754
YIQ	203.2500, -6.8760, -7.5480

# Conversions

## Conversions Part 2

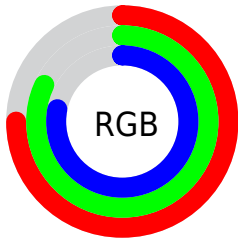
Format	Color
<a href="#">RYB</a>	<a href="#">192, 206, 210</a>
Decimal	<a href="#">12636870</a>
CIELab	<a href="#">82.58, -8.32, 3.86</a>
CIELCh	<a href="#">83, 9.170, 155.088</a>
Yxy	<a href="#">61.3769, 0.3076, 0.3434</a>
Android (android.graphics.Color)	<a href="#">4290826950 (0xFFC0D2C6)</a>
YUV	<a href="#">203.2500, -2.5882, -9.8663</a>
Hunter-Lab	<a href="#">78.3434, -11.8377, 7.6349</a>

# Details

The XYZ color **54.9779, 61.3769, 62.3754** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3293, 55.7621, 64.9240**, and the grayscale version is **56.9421, 59.9076, 65.2393**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **27.4037, 31.1938, 30.9622** is the 20% darker color. If you saturate the color by 10%, you get **48.4943, 58.2143, 54.0280**, and if you desaturate by 10%, it is **62.3730, 64.9956, 71.5474**.

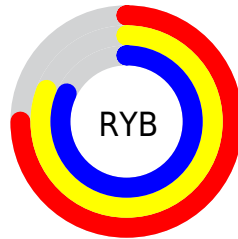
# Distribution



Red (75%)

Green (82%)

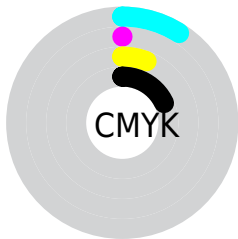
Blue (78%)



Red (75%)

Yellow (81%)

Blue (82%)

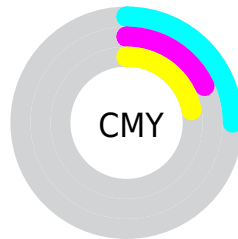


Cyan (9%)

Magenta (0%)

Yellow (6%)

Black (18%)



Cyan (25%)

Magenta (18%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9779, 61.3769, 62.3754 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 54.9779, 61.3769, 62.3754 by changing the saturation by 10% instead.



■ 54.9779, 61.3769,  
62.3754

■ 54.9779, 61.3769,  
62.3754

395.9659,  
429.6546, 451.3445

■ 39.6178, 44.5294,  
44.8984

■ 96.6571, 106.8245,  
109.8448

■ 27.4236, 31.0869,  
31.0350

123.7069,  
136.1933, 140.6742

■ 18.0298, 20.6650,  
20.3668

155.3840,  
170.5048, 176.7914

■ 11.0712, 12.8794,  
12.4752

192.0537,  
210.1432, 218.6151

■ 6.1824, 7.3455,  
6.9418

234.0814,  
255.4930, 266.5637

■ 2.9980, 3.6791,  
3.3478

281.8324,

■ 1.1527, 1.4957,

306.9386, 321.0557

1.2749

335.6721,  
364.8643, 382.5098

■ 0.0685, 0.2857,  
0.0410

■ 0.0000, 0.0000,  
0.0000

■ 54.9779, 61.3769,  
62.3754

■ 54.9779, 61.3769,  
62.3754

■ 48.4943, 58.2143,  
54.0280

■ 62.3730, 64.9956,  
71.5474

■ 42.8811, 55.4819,  
46.4785

■ 70.7084, 69.0796,  
81.5618

■ 38.1016, 53.1629,  
39.7045

■ 80.0169, 73.6472,  
92.4408

■ 34.1142, 51.2365,  
33.6811

■ 82.1784, 74.5118,  
103.8232

■ 30.8741, 49.6801,  
28.3821

■ 82.3378, 74.5756,  
104.6626

■ 28.3313, 48.4685,  
23.7796

■ 26.4297, 47.5733,  
19.8440

■ 25.1037, 46.9614,  
16.5433

■ 24.2546, 46.5826,  
13.8419

# Harmonies

## Analogous

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



56.1925, 61.3769, 58.3627



54.9779, 61.3769, 62.3754



54.6550, 61.3769, 67.7930

# Triad

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



54.9779, 61.3769, 62.3754



58.6725, 61.3769, 78.1929



61.4824, 61.3769, 60.8017

# Complementary

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



54.9779, 61.3769, 62.3754



56.3293, 55.7621, 64.9240

# 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.



62.1805, 61.3769, 65.8742



54.9779, 61.3769, 62.3754



60.5351, 61.3769, 76.0768

# Square

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



54.9779, 61.3769, 62.3754



56.7604, 61.3769, 77.1276



61.8300, 61.3769, 71.4897



59.9424, 61.3769, 57.4905



# Rectangle

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



54.9779, 61.3769, 62.3754



54.9826, 61.3769, 71.5214



61.8300, 61.3769, 71.4897



61.8249, 61.3769, 62.3465

# Sweetspot

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



54.9796, 61.3795, 62.3767



91.4809, 98.2537, 104.5032



57.5476, 62.7817, 58.9551



19.3813, 20.9328, 22.1208



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.



54.9796, 61.3795, 62.3767



83.6653, 94.4333, 94.7057



56.0127, 61.7928, 67.8171



11.8165, 13.2703, 13.3901



14.7741, 28.4026, 8.4566



0.8626, 1.6027, 0.6652



# Inverse Universe

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



56.3293, 55.7621, 64.9240



86.1095, 84.2604, 99.3182



55.3142, 55.3561, 59.5785



12.1363, 11.9393, 13.9936



19.1487, 9.5323, 16.2211

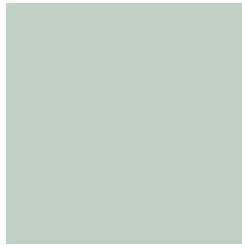


1.1067, 0.5474, 1.0965



# Previews

## White Background



This preview shows how the XYZ color 54.9779, 61.3769, 62.3754 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 54.9779, 61.3769, 62.3754 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

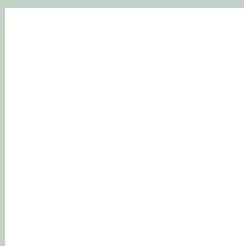
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 54.9779, 61.3769, 62.3754

## Background



This preview shows how black text looks on a background with the XYZ color 54.9779, 61.3769, 62.3754.



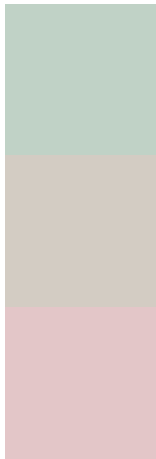
This preview shows how white text looks on a background with the XYZ color 54.9779, 61.3769,

62.3754.

# 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

54.9779, 61.3769, 62.3754

### Protanopia

58.3072, 60.9747, 60.3259

### Deuteranopia

62.2980, 60.8892, 63.1129



## Tritanopia

58.1555, 61.2061, 78.5609

# Trichromacy



## Original Color

54.9779, 61.3769, 62.3754

## Protanomaly

56.9370, 60.9655, 60.9912

## Deuteranomaly

59.1609, 60.6607, 62.6234

## Tritanomaly

56.9561, 61.0828, 72.4066

# Monochromacy



## Original Color

54.9779, 61.3769, 62.3754

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

56.1671, 60.5018, 63.9760

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.9779, 61.3769, 62.3754 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(192, 210, 198) looks like.

```
.text, #text, p{  
    color:rgb(192, 210, 198)  
}
```

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(192, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 210, 198) }
```

## Border

The CSS property to change the border of an element to XYZ 54.9779, 61.3769, 62.3754 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(192, 210, 198) }
```



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

```
.border{ border-color:rgb(192, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(192, 210,  
198) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.9779, 61.3769, 62.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 210, 198) }
```

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

```
.background{ background-color: rgb(192,  
210, 198) }
```

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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