

# Converting Colors

XYZ(56.0852, 60.9386, 55.3027)

Have a look what the booklet for  
XYZ(56.0852, 60.9386, 55.3027)  
contains.

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# **Color**

**XYZ(56.0776, 61.0082,  
55.2745)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCCFBA
RGB	204, 207, 186
RGB Percent	80%, 81%, 73%
CMY	0.2000, 0.1882, 0.2706
CMYK	0.01, 0.00, 0.10, 0.19
HSL	69°, 18%, 77%
HSV	69°, 10%, 81%
XYZ	56.0776, 61.0082, 55.2745
YIQ	203.7090, 4.9530, -7.1670

# Conversions

## Conversions Part 2

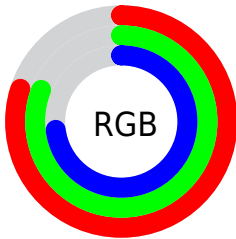
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 207, 189
Decimal	13422522
CIE Lab	82.38, -4.71, 10.08
CIE LCh	82, 11.125, 115.022
Yxy	61.0082, 0.3254, 0.3540
Android (android.graphics.Color)	4291612602 (0xFFCCCCFBA)
YUV	203.7090, -8.7305, 0.2552
Hunter-Lab	78.1077, -8.5342, 12.7177

# Details

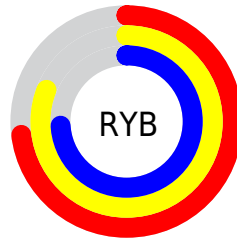
The XYZ color **56.0776, 61.0082, 55.2745** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8100, 50.4432, 66.1460**, and the grayscale version is **57.2634, 60.2455, 65.6074**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **28.2025, 30.9600, 26.6797** is the 20% darker color. If you saturate the color by 10%, you get **53.2312, 59.7788, 44.4740**, and if you desaturate by 10%, it is **59.2616, 62.3784, 67.7575**.

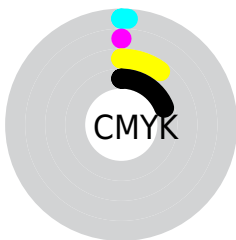
# Distribution



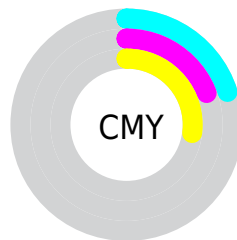
- Red (80%)
- Green (81%)
- Blue (73%)



- Red (73%)
- Yellow (81%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0776, 61.0082, 55.2745 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 56.0776, 61.0082, 55.2745 by changing the saturation by 10% instead.



■ 56.0776, 61.0082,  
55.2745

■ 56.0776, 61.0082,  
55.2745

400.0542,  
428.3041, 424.2629

■ 40.5024, 44.2318,  
39.2215

■ 98.2572, 106.2908,  
99.4182

■ 28.1164, 30.8528,  
26.6229

125.5923,  
135.5658, 128.3459

■ 18.5543, 20.4868,  
17.0603

157.5780,  
169.7758, 162.4023

■ 11.4508, 12.7494,  
10.1151

194.5798,  
209.3051, 202.0059

■ 6.4404, 7.2562,  
5.3687

236.9629,  
254.5382, 247.5752

■ 3.1579, 3.6228,  
2.4027

285.0928,

■ 1.2378, 1.4649,

305.8595, 299.5288

0.7879

339.3348,  
363.6533, 358.2851

■ 0.1359, 0.2638,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 56.0776, 61.0082,  
55.2745

■ 56.0776, 61.0082,  
55.2745

■ 53.2312, 59.7788,  
44.4740

■ 59.2616, 62.3784,  
67.7575

■ 50.7038, 58.6767,  
35.2802

■ 62.7911, 63.8867,  
81.9866

■ 48.4822, 57.6988,  
27.6173

■ 66.6800, 65.5405,  
98.0270

■ 46.5505, 56.8385,  
21.4020

■ 68.6369, 66.4233,  
103.8112

■ 44.8914, 56.0890,  
16.5428

■ 69.5188, 66.8779,  
103.8524

■ 43.4853, 55.4425,  
12.9380

■ 70.4165, 67.3407,  
103.8944

■ 42.3101, 54.8900,  
10.4717

■ 71.3301, 67.8117,  
103.9372

■ 41.3397, 54.4212,  
9.0060

■ 72.2597, 68.2909,  
103.9807

■ 40.5362, 54.0220,  
8.2908

■ 73.2054, 68.7785,  
104.0250

# Harmonies

## Analogous

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



58.3834, 61.0082, 54.2395



56.0776, 61.0082, 55.2745



54.3271, 61.0082, 59.2134

# Triad

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



56.0776, 61.0082, 55.2745



55.4095, 61.0082, 77.7221



62.6526, 61.0082, 67.5681

# Complementary

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



56.0776, 61.0082, 55.2745



49.8100, 50.4432, 66.1460

# 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.



61.8066, 61.0082, 74.2051



56.0776, 61.0082, 55.2745



57.5914, 61.0082, 80.3170

# Square

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



56.0776, 61.0082, 55.2745



53.9488, 61.0082, 72.1103



59.9382, 61.0082, 78.9882



62.2207, 61.0082, 61.0515



# Rectangle

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



56.0776, 61.0082, 55.2745



53.6888, 61.0082, 63.1067



59.9382, 61.0082, 78.9882



62.5076, 61.0082, 69.8630

# Sweetspot

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



56.0793, 61.0109, 55.2758



93.4412, 99.3101, 102.5230



52.7517, 53.1214, 53.9284



19.9101, 21.2177, 21.5886



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

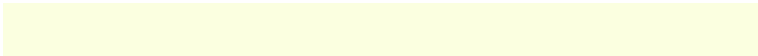


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.0793, 61.0109, 55.2758



88.9170, 97.3629, 84.9123



53.3491, 59.6034, 55.1480



12.6303, 13.7084, 12.5923



25.5996, 34.0661, 5.2262



1.4780, 1.9288, 0.2944



# Inverse Universe

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



49.8100, 50.4432, 66.1460



77.0552, 77.3679, 105.4800



52.4562, 51.8074, 66.2698



11.3188, 11.4976, 14.8664



7.4743, 3.0334, 37.3841



0.4698, 0.1964, 2.0927



# Previews

## White Background



This preview shows how the XYZ color 56.0776, 61.0082, 55.2745 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 56.0776, 61.0082, 55.2745 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

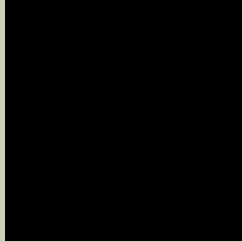
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

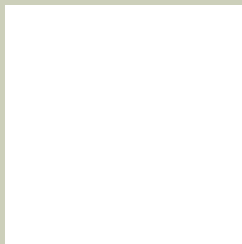
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 56.0776, 61.0082, 55.2745

## Background



This preview shows how black text looks on a background with the XYZ color 56.0776, 61.0082, 55.2745.



This preview shows how white text looks on a background with the XYZ color 56.0776, 61.0082,



# 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

56.0776, 61.0082, 55.2745

### Protanopia

57.7904, 60.8346, 54.5953

### Deuteranopia

62.2262, 61.0079, 56.0730



## Tritanopia

60.0699, 60.8583, 74.9105

# Trichromacy



## Original Color

56.0776, 61.0082, 55.2745

## Protanomaly

57.1666, 60.8671, 54.6345

## Deuteranomaly

59.6751, 60.7333, 55.5912

## Tritanomaly

58.4656, 60.9074, 67.0673

# Monochromacy



## Original Color

56.0776, 61.0082, 55.2745

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

56.8112, 60.5312, 61.5127

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.0776, 61.0082, 55.2745 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(204, 207, 186)` looks like.

```
.text, #text, p{  
    color:rgb(204, 207, 186)  
}
```

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(204, 207, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 186) }
```

## Border

The CSS property to change the border of an element to XYZ 56.0776, 61.0082, 55.2745 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(204, 207, 186) }
```



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

```
.border{ border-color:rgb(204, 207, 186) }
```

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

Here you see how a box with a 4 pixel rgb(204, 207, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 186);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
186) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.0776, 61.0082, 55.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 207, 186) }
```

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

```
.background{ background-color: rgb(204,  
207, 186) }
```

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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