

# Converting Colors

XYZ(60.6779, 66.9936, 56.2710)

Have a look what the booklet for  
XYZ(60.6779, 66.9936, 56.2710)  
contains.

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# Color

**XYZ(60.8272, 67.1679,  
56.2131)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4D9BA
RGB	212, 217, 186
RGB Percent	83%, 85%, 73%
CMY	0.1686, 0.1490, 0.2706
CMYK	0.02, 0.00, 0.14, 0.15
HSL	70°, 29%, 79%
HSV	70°, 14%, 85%
XYZ	60.8272, 67.1679, 56.2131
YIQ	211.9710, 6.9710, -10.7010

# Conversions

## Conversions Part 2

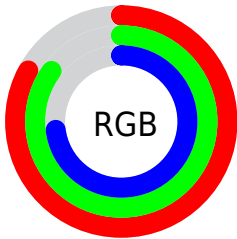
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	186, 217, 191
Decimal	13949370
CIE Lab	85.59, -7.00, 14.71
CIE LCh	86, 16.291, 115.456
Yxy	67.1679, 0.3302, 0.3646
Android (android.graphics.Color)	4292139450 (0xFFD4D9BA)
YUV	211.9710, -12.8037, 0.0254
Hunter-Lab	81.9560, -10.9416, 16.7026

# Details

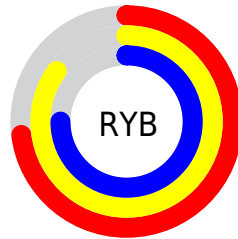
The XYZ color **60.8272, 67.1679, 56.2131** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.5716, 51.2056, 72.8147**, and the grayscale version is **62.6407, 65.9029, 71.7683**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **31.0586, 34.7022, 27.2515** is the 20% darker color. If you saturate the color by 10%, you get **57.6951, 65.8019, 44.9249**, and if you desaturate by 10%, it is **64.3352, 68.6912, 69.3505**.

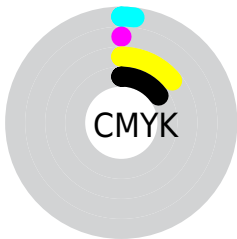
# Distribution



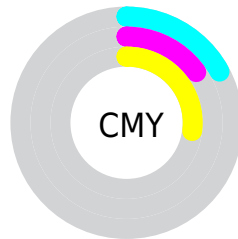
- Red (83%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8272, 67.1679, 56.2131 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 60.8272, 67.1679, 56.2131 by changing the saturation by 10% instead.



■ 60.8272, 67.1679,  
56.2131

■ 60.8272, 67.1679,  
56.2131

417.4262,  
450.5422, 427.9049

■ 44.3377, 49.2211,  
39.9687

■ 105.1282,  
115.1610, 100.8050

■ 31.1352, 34.7949,  
27.2005

133.6705,  
145.9760, 129.9895

■ 20.8541, 23.5049,  
17.4901

166.9611,  
181.8492, 164.3245

■ 13.1293, 14.9668,  
10.4189

205.3653,  
223.1651, 204.2284

■ 7.5952, 8.7961,  
5.5684

249.2486,  
270.3079, 250.1199

■ 3.8867, 4.6084,  
2.5199

298.9763,

■ 1.6382, 2.0194,

323.6621, 302.4175

0.8507

354.9137,  
383.6120, 361.5396

■ 0.4171, 0.6187,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.8272, 67.1679,  
56.2131

■ 60.8272, 67.1679,  
56.2131

■ 57.6951, 65.8019,  
44.9249

■ 64.3352, 68.6912,  
69.3505

■ 54.9177, 64.5780,  
35.3986

■ 68.2286, 70.3691,  
84.4104

■ 52.4796, 63.4924,  
27.5464

■ 72.5233, 72.2100,  
101.4677

■ 50.3622, 62.5376,  
21.2711

■ 74.2317, 73.0189,  
104.7894

■ 48.5452, 61.7054,  
16.4656

■ 75.3415, 73.5910,  
104.8413

■ 47.0054, 60.9865,  
13.0097

■ 76.4738, 74.1748,  
104.8943

■ 45.7163, 60.3703,  
10.7639

■ 77.6288, 74.7702,  
104.9484

■ 44.6456, 59.8439,  
9.5587

■ 78.8066, 75.3774,  
105.0035

■ 44.1009, 59.5710,  
9.1740

■ 80.0074, 75.9964,  
105.0597

# Harmonies

## Analogous

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



64.4073, 67.1679, 54.6199



60.8272, 67.1679, 56.2131



58.1500, 67.1679, 62.1626

# Triad

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



60.8272, 67.1679, 56.2131



59.8853, 67.1679, 91.2636



71.2107, 67.1679, 74.7631

# Complementary

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



60.8272, 67.1679, 56.2131



51.5716, 51.2056, 72.8147

# 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.



69.8918, 67.1679, 85.3267



60.8272, 67.1679, 56.2131



63.2782, 67.1679, 95.4211

# Square

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



60.8272, 67.1679, 56.2131



57.6212, 67.1679, 82.2607



66.9529, 67.1679, 93.1505



70.4932, 67.1679, 64.7094



# Rectangle

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



60.8272, 67.1679, 56.2131



57.1894, 67.1679, 68.1286



66.9529, 67.1679, 93.1505



70.9894, 67.1679, 78.3797

# Sweetspot

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



60.8290, 67.1708, 56.2145



92.8478, 99.0495, 100.4511



56.0350, 55.4078, 54.1967



19.7868, 21.1633, 21.1714



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

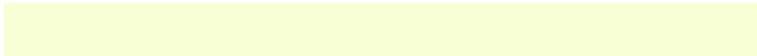


# Same Dimension

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



60.8290, 67.1708, 56.2145



86.3121, 96.2129, 76.0779



56.6648, 65.0241, 56.0197



13.9451, 15.1520, 13.9152



26.7703, 36.0981, 5.5567



1.7907, 2.3677, 0.3626



# Inverse Universe

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



51.5716, 51.2056, 72.8147



70.6133, 69.1375, 104.2309



55.5807, 53.2724, 73.0024



12.5335, 12.7176, 16.4463



8.0601, 3.2793, 39.9466

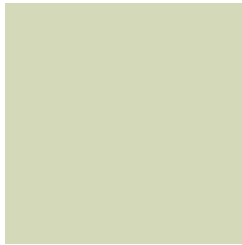


0.5839, 0.2443, 2.5908



# Previews

## White Background



This preview shows how the XYZ color 60.8272, 67.1679, 56.2131 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 60.8272, 67.1679, 56.2131 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

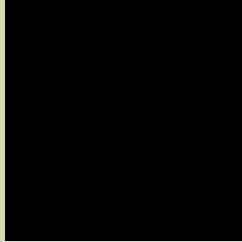
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

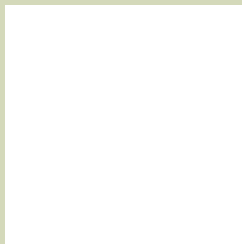
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 60.8272, 67.1679, 56.2131

## Background



This preview shows how black text looks on a background with the XYZ color 60.8272, 67.1679, 56.2131.



This preview shows how white text looks on a background with the XYZ color 60.8272, 67.1679,



# 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

60.8272, 67.1679, 56.2131

### Protanopia

63.1864, 66.8965, 54.9294

### Deuteranopia

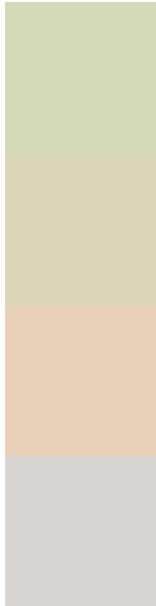
68.4566, 67.0066, 56.9025



## Tritanopia

66.2113, 67.0954, 82.8598

# Trichromacy



## Original Color

60.8272, 67.1679, 56.2131

## Protanomaly

62.3187, 66.8116, 55.5103

## Deuteranomaly

65.2949, 66.8368, 56.4731

## Tritanomaly

64.1234, 66.9915, 72.5018

# Monochromacy



## Original Color

60.8272, 67.1679, 56.2131

## Achromatopsia

62.5785, 65.8375, 71.6970

## Achromatomaly

61.9774, 66.4020, 66.0502

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.8272, 67.1679, 56.2131 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(212, 217, 186)` looks like.

```
.text, #text, p{  
    color:rgb(212, 217, 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(212, 217, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 217, 186) }
```

## Border

The CSS property to change the border of an element to XYZ 60.8272, 67.1679, 56.2131 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(212, 217, 186) }
```



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

```
.border{ border-color:rgb(212, 217, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 217, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 217, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 217, 186);  
box-shadow:4px 4px 4px 4px rgb(212, 217,  
186) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.8272, 67.1679, 56.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 217, 186) }
```

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

```
.background{ background-color: rgb(212,  
217, 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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