

# Converting Colors

XYZ(60.1888, 65.8743, 60.1683)

Have a look what the booklet for  
XYZ(60.1888, 65.8743, 60.1683)  
contains.

<b>XYZ(60.2206, 66.0064, 60.0186)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(60.2206, 66.0064,  
60.0186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1D7C1
RGB	209, 215, 193
RGB Percent	82%, 84%, 76%
CMY	0.1804, 0.1568, 0.2431
CMYK	0.03, 0.00, 0.10, 0.16
HSL	76°, 22%, 80%
HSV	76°, 10%, 84%
XYZ	60.2206, 66.0064, 60.0186
YIQ	210.6980, 3.4860, -8.1140

# Conversions

## Conversions Part 2

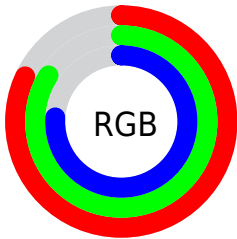
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 215, 199
Decimal	13752257
CIELab	85.00, -5.90, 10.15
CIELCh	85, 11.742, 120.166
Yxy	66.0064, 0.3233, 0.3544
Android (android.graphics.Color)	4291942337 (0xFFD1D7C1)
YUV	210.6980, -8.7251, -1.4891
Hunter-Lab	81.2443, -9.8683, 13.0710

# Details

The XYZ color **60.2206, 66.0064, 60.0186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8913, 55.1901, 72.0530**, and the grayscale version is **61.7733, 64.9903, 70.7744**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **30.7486, 33.9743, 29.3632** is the 20% darker color. If you saturate the color by 10%, you get **56.3656, 64.2783, 48.2152**, and if you desaturate by 10%, it is **64.4891, 67.9113, 73.6643**.

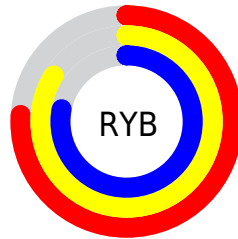
# Distribution



Red (82%)

Green (84%)

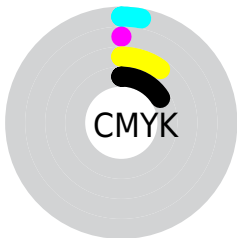
Blue (76%)



Red (76%)

Yellow (84%)

Blue (78%)

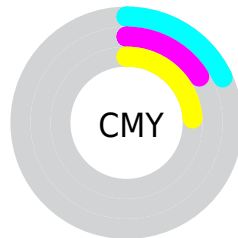


Cyan (3%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (18%)

Magenta (16%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2206, 66.0064, 60.0186 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 60.2206, 66.0064, 60.0186 by changing the saturation by 10% instead.



60.2206, 66.0064,  
60.0186

60.2206, 66.0064,  
60.0186

415.2321,  
446.3998, 442.4729

43.8466, 48.2776,  
43.0082

104.2541,  
113.4955, 106.4003

30.7473, 34.0468,  
29.5601

132.6444,  
144.0246, 136.6087

20.5574, 22.9295,  
19.2557

165.7708,  
179.5893, 172.0535

12.9115, 14.5415,  
11.6765

203.9986,  
220.5739, 213.1533

7.4442, 8.4982,  
6.4040

247.6934,  
267.3629, 260.3266

3.7902, 4.4154,  
3.0195

297.2203,

1.5841, 1.9085,

320.3406, 313.9919

1.1046

352.9448,  
379.8914, 374.5678

■ 0.3820, 0.5535,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.2206, 66.0064,  
60.0186

■ 60.2206, 66.0064,  
60.0186

■ 56.3656, 64.2783,  
48.2152

■ 64.4891, 67.9113,  
73.6643

■ 52.9030, 62.7120,  
38.1708

■ 69.1804, 69.9902,  
89.2221

■ 49.8180, 61.3037,  
29.8022

■ 73.9045, 72.0895,  
104.6272

■ 47.0925, 60.0459,  
23.0178

■ 75.7824, 73.0576,  
104.7151

■ 44.7066, 58.9309,  
17.7172

■ 77.7239, 74.0585,  
104.8060

■ 42.6386, 57.9495,  
13.7884

■ 79.7296, 75.0924,  
104.8998

■ 40.8633, 57.0920,  
11.1036

■ 81.8001, 76.1598,  
104.9967

■ 39.3514, 56.3462,  
9.5112

■ 83.5917, 77.0834,  
105.0806

■ 38.0778, 55.7053,  
8.7453

# Harmonies

## Analogous

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



62.7224, 66.0064, 58.2895



60.2206, 66.0064, 60.0186



58.4357, 66.0064, 64.8768

# Triad

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



60.2206, 66.0064, 60.0186



60.2453, 66.0064, 85.2336



67.9517, 66.0064, 71.8277

# Complementary

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



60.2206, 66.0064, 60.0186



54.8913, 55.1901, 72.0530

# 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.



67.2446, 66.0064, 79.3480



60.2206, 66.0064, 60.0186



62.7518, 66.0064, 87.4106

# Square

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



60.2206, 66.0064, 60.0186



58.4497, 66.0064, 79.4257



65.3228, 66.0064, 85.1865



67.2292, 66.0064, 64.8088



# Rectangle

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



60.2206, 66.0064, 60.0186



57.8670, 66.0064, 69.4150



65.3228, 66.0064, 85.1865



67.8731, 66.0064, 74.3817

# Sweetspot

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



60.2224, 66.0093, 60.0200



93.0788, 99.1233, 102.5061



58.0450, 59.0848, 58.7982



19.8120, 21.1672, 21.5840



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

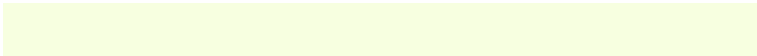


# Same Dimension

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



60.2224, 66.0093, 60.0200



87.5035, 96.6342, 84.8461



57.2520, 64.4780, 59.8810



13.1270, 14.3417, 13.2371



22.8804, 33.3716, 5.2354



1.4576, 2.0528, 0.3194



# Inverse Universe

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



54.8913, 55.1901, 72.0530



78.3358, 78.0281, 105.5399



57.8783, 56.7299, 72.1928



12.0574, 12.1710, 15.6513



8.4911, 3.5298, 38.6870

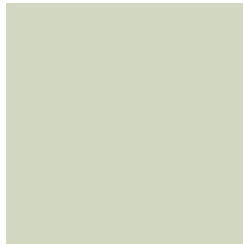


0.5917, 0.2539, 2.3371



# Previews

## White Background



This preview shows how the XYZ color 60.2206, 66.0064, 60.0186 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

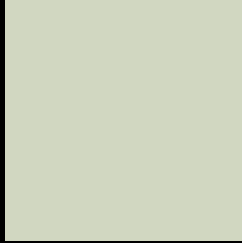
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.2206, 66.0064, 60.0186 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

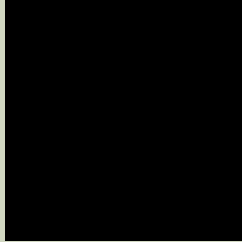
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

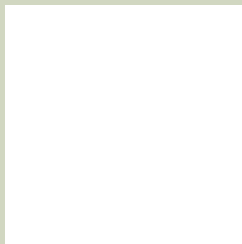
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 60.2206, 66.0064, 60.0186

## Background



This preview shows how black text looks on a background with the XYZ color 60.2206, 66.0064, 60.0186.



This preview shows how white text looks on a background with the XYZ color 60.2206, 66.0064,



# 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

60.2206, 66.0064, 60.0186

### Protanopia

62.5170, 65.7223, 58.6809

### Deuteranopia

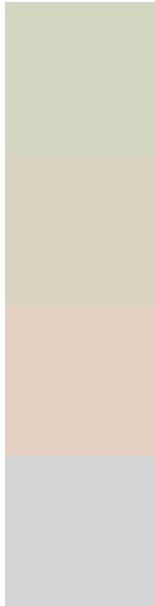
67.2783, 65.9535, 60.8141



## Tritanopia

64.6433, 65.9354, 81.9928

# Trichromacy



## Original Color

60.2206, 66.0064, 60.0186

## Protanomaly

61.6732, 65.6445, 59.2893

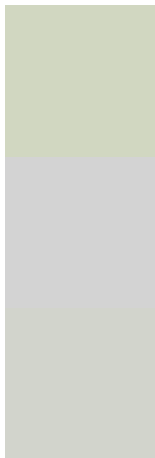
## Deuteranomaly

64.5330, 65.9900, 60.3750

## Tritanomaly

62.9606, 65.9903, 73.7090

# Monochromacy



## Original Color

60.2206, 66.0064, 60.0186

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

61.0209, 65.1482, 66.4855

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.2206, 66.0064, 60.0186 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(209, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(209, 215, 193)  
}
```

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(209, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 215, 193) }
```

## Border

The CSS property to change the border of an element to XYZ 60.2206, 66.0064, 60.0186 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(209, 215, 193) }
```



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

```
.border{ border-color:rgb(209, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(209, 215,  
193) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.2206, 66.0064, 60.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 215, 193) }
```

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

```
.background{ background-color: rgb(209,  
215, 193) }
```

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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