

Converting Colors

XYZ(57.7714, 66.6520, 62.6595)

Have a look what the booklet for
XYZ(57.7714, 66.6520, 62.6595)
contains.

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Color

**XYZ(57.6636, 66.5551,
62.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DCC5
RGB	193, 220, 197
RGB Percent	76%, 86%, 77%
CMY	0.2431, 0.1372, 0.2274
CMYK	0.12, 0.00, 0.10, 0.14
HSL	129°, 28%, 81%
HSV	129°, 12%, 86%
XYZ	57.6636, 66.5551, 62.6305
YIQ	209.3050, -8.7090, -12.8770

Conversions

Conversions Part 2

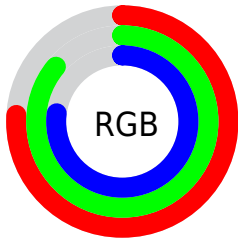
Format	Color
RYB	193, 217, 220
Decimal	12704965
CIELab	85.28, -13.27, 8.29
CIELCh	85, 15.645, 148.012
Yxy	66.5551, 0.3086, 0.3562
Android (android.graphics.Color)	4290895045 (0xFFC1DCC5)
YUV	209.3050, -6.0664, -14.2995
Hunter-Lab	81.5813, -16.5993, 11.5896

Details

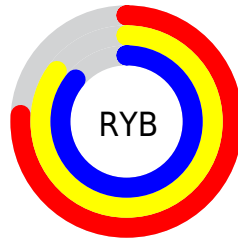
The XYZ color **57.6636, 66.5551, 62.6305** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.9823, 58.3151, 73.0109**, and the grayscale version is **60.8475, 64.0163, 69.7137**.

A 20% lighter version of the original color is **93.0737, 98.9998, 107.9693**, and **29.0605, 34.3824, 31.0914** is the 20% darker color. If you saturate the color by 10%, you get **50.4513, 63.0718, 51.7715**, and if you desaturate by 10%, it is **65.9809, 70.5810, 74.9377**.

Distribution



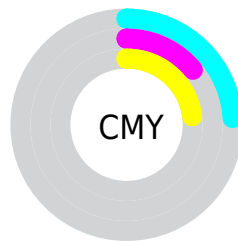
- Red (76%)
- Green (86%)
- Blue (77%)



- Red (76%)
- Yellow (85%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6636, 66.5551, 62.6305 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 57.6636, 66.5551, 62.6305 by changing the saturation by 10% instead.

■ 57.6636, 66.5551,
62.6305

■ 57.6636, 66.5551,
62.6305

405.9054,
448.3595, 452.2982

■ 41.7805, 48.7232,
45.1033

■ 100.5586,
114.2827, 110.2167

■ 29.1198, 34.3999,
31.1952

128.3012,
144.9471, 141.1127

■ 19.3162, 23.2010,
20.4879

160.7277,
180.6578, 177.3021

■ 12.0043, 14.7420,
12.5626

198.2033,
221.7992, 219.2034

■ 6.8189, 8.6385,
7.0009

241.0936,
268.7557, 267.2351

■ 3.3944, 4.5062,
3.3842

289.7638,

■ 1.3656, 1.9605,

321.9116, 321.8158

1.2940

344.5792,
381.6514, 383.3640

■ 0.2315, 0.5844,
0.0569

■ 0.0000, 0.0000,
0.0000

■ 57.6636, 66.5551,
62.6305

■ 57.6636, 66.5551,
62.6305

■ 50.4513, 63.0718,
51.7715

■ 65.9809, 70.5810,
74.9377

■ 44.2921, 60.0998,
42.3033

■ 75.4414, 75.1624,
88.7390

■ 39.1380, 57.6175,
34.1709

■ 84.6002, 79.5553,
104.0143

■ 34.9352, 55.5982,
27.3142

■ 84.8845, 79.6690,
105.5115

■ 31.6247, 54.0131,
21.6683

■ 29.1408, 52.8298,
17.1627

■ 27.4089, 52.0114,
13.7197

■ 26.3401, 51.5139,
11.2516

■ 25.8633, 51.2965,
9.9470

Harmonies

Analogous

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



60.1178, 66.5551, 56.5949



57.6636, 66.5551, 62.6305



56.7019, 66.5551, 71.7934

Triad

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



57.6636, 66.5551, 62.6305



63.0229, 66.5551, 93.7291



69.4552, 66.5551, 63.6986

Complementary

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



57.6636, 66.5551, 62.6305



60.9823, 58.3151, 73.0109

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.



70.3022, 66.5551, 73.1451



57.6636, 66.5551, 62.6305



66.5069, 66.5551, 91.0600

Square

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



57.6636, 66.5551, 62.6305



59.7236, 66.5551, 90.2753



69.2043, 66.5551, 83.2834



66.9305, 66.5551, 57.1700

Rectangle

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



57.6636, 66.5551, 62.6305



57.0085, 66.5551, 78.6585



69.2043, 66.5551, 83.2834



69.9496, 66.5551, 66.6096

Sweetspot

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



57.6654, 66.5579, 62.6320



90.0288, 97.5695, 101.5270



63.6589, 69.6999, 60.5512



19.0740, 20.7891, 21.4423



0.0000, 0.0000, 0.0000



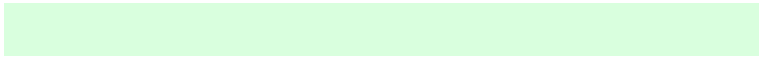
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6654, 66.5579, 62.6320



77.5417, 91.5297, 82.9801



59.2330, 67.1850, 70.8866



12.9647, 14.6375, 14.2772



15.2034, 30.1140, 5.9703



1.0103, 1.9611, 0.5205

Inverse Universe

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



60.9823, 58.3151, 73.0109



83.1395, 77.6173, 100.4956



59.3549, 57.6642, 64.4411



13.5271, 13.2400, 16.0371



22.6448, 11.0590, 28.8395



1.4901, 0.7257, 1.9898

Previews

White Background



This preview shows how the XYZ color 57.6636, 66.5551, 62.6305 looks on a white background.

Color Contrast Check

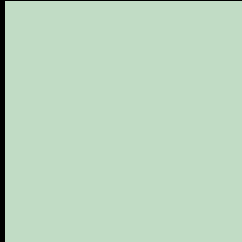
Large Text (above 18pt) WCAG AA × Fail

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 57.6636, 66.5551, 62.6305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

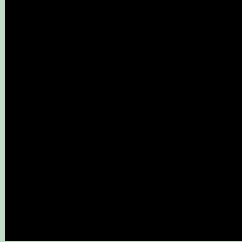
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

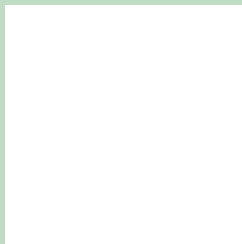
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6636, 66.5551, 62.6305

Background



This preview shows how black text looks on a background with the XYZ color 57.6636, 66.5551, 62.6305.

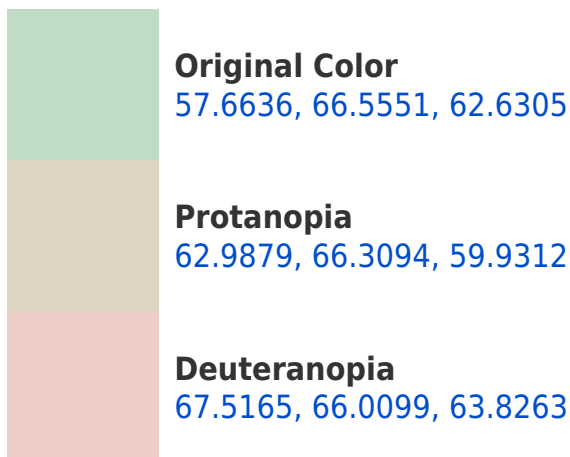


This preview shows how white text looks on a background with the XYZ color 57.6636, 66.5551,

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





Tritanopia

62.4191, 66.5692, 85.9032

Trichromacy



Original Color

57.6636, 66.5551, 62.6305

Protanomaly

60.9020, 66.3448, 60.6349

Deuteranomaly

63.4796, 65.7463, 63.3774

Tritanomaly

60.6250, 66.6105, 76.6797

Monochromacy



Original Color

57.6636, 66.5551, 62.6305

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.4423, 64.6928, 67.1116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6636, 66.5551, 62.6305 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(193, 220, 197)` looks like.

```
.text, #text, p{  
    color:rgb(193, 220, 197)  
}
```

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(193, 220, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 220, 197) }
```

Border

The CSS property to change the border of an element to XYZ 57.6636, 66.5551, 62.6305 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(193, 220, 197) }
```


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

```
.border{ border-color:rgb(193, 220, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 220, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 220, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 220, 197); box-shadow:4px 4px 4px 4px rgb(193, 220, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6636, 66.5551, 62.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 220, 197) }
```

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

```
.background{ background-color: rgb(193,  
220, 197) }
```

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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