

Converting Colors

XYZ(60.7596, 66.4643, 78.3780)

Have a look what the booklet for
XYZ(60.7596, 66.4643, 78.3780)
contains.

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Color

**XYZ(60.8900, 66.7165,
78.0749)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D9DD
RGB	197, 217, 221
RGB Percent	77%, 85%, 87%
CMY	0.2274, 0.1490, 0.1333
CMYK	0.11, 0.02, 0.00, 0.13
HSL	190°, 26%, 82%
HSV	190°, 11%, 87%
XYZ	60.8900, 66.7165, 78.0749
YIQ	211.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

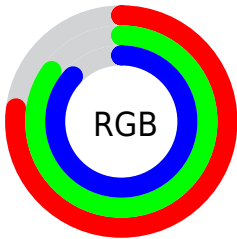
Format	Color
RYB	197, 208, 221
Decimal	12966365
CIELab	85.36, -5.87, -4.25
CIELCh	85, 7.249, 215.913
Yxy	66.7165, 0.2960, 0.3244
Android (android.graphics.Color)	4291156445 (0xFFC5D9DD)
YUV	211.4760, 4.6953, -12.6955
Hunter-Lab	81.6802, -9.8742, 0.5031

Details

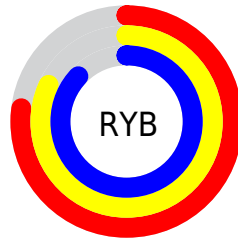
The XYZ color **60.8900, 66.7165, 78.0749** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7839, 61.1764, 61.4292**, and the grayscale version is **62.2094, 65.4492, 71.2742**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **31.1310, 34.4335, 41.0819** is the 20% darker color. If you saturate the color by 10%, you get **54.5845, 62.0750, 77.5124**, and if you desaturate by 10%, it is **68.0689, 71.8433, 78.6871**.

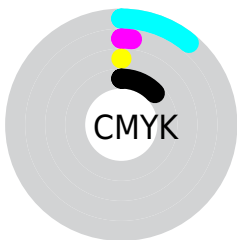
Distribution



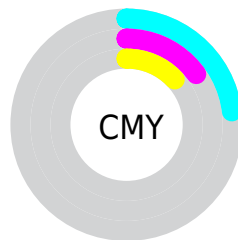
- Red (77%)
- Green (85%)
- Blue (87%)



- Red (77%)
- Yellow (82%)
- Blue (87%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8900, 66.7165, 78.0749 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 60.8900, 66.7165, 78.0749 by changing the saturation by 10% instead.

■ 60.8900, 66.7165,
78.0749

■ 60.8900, 66.7165,
78.0749

417.6529,
448.9350, 507.9558

■ 44.3886, 48.8543,
57.6187

105.2187,
114.5141, 132.4425

■ 31.1753, 34.5039,
41.0895

133.7766,
145.2182, 167.1910

■ 20.8849, 23.2810,
28.0688

167.0842,
180.9718, 207.5407

■ 13.1519, 14.8011,
18.1380

205.5067,
222.1592, 253.9101

■ 7.6109, 8.6799,
10.8787

249.4094,
269.1649, 306.7178

■ 3.8967, 4.5330,
5.8722

299.1578,

■ 1.6439, 1.9760,

322.3731, 366.3823

2.7000

355.1172,
382.1683, 433.3221

■ 0.4207, 0.5934,
0.9434

■ 0.0000, 0.0000,
0.0000

■ 60.8900, 66.7165,
78.0749

■ 60.8900, 66.7165,
78.0749

■ 54.5845, 62.0750,
77.5124

■ 68.0689, 71.8433,
78.6871

■ 49.1096, 57.8911,
76.9934

■ 76.1501, 77.4650,
79.3463

■ 44.4278, 54.1471,
76.5175

■ 82.0474, 81.9927,
79.9094

■ 40.4961, 50.8206,
76.0826

■ 83.0710, 84.0399,
80.2506

■ 37.2675, 47.8871,
75.6865

■ 84.1163, 86.1304,
80.5990

■ 34.6896, 45.3194,
75.3268

■ 85.1834, 88.2646,
80.9548

■ 32.7021, 43.0863,
75.0005

■ 86.2724, 90.4427,
81.3178

■ 31.2336, 41.1507,
74.7043

■ 87.3836, 92.6650,
81.6881

■ 30.2328, 39.5835,
74.4546

■ 88.5169, 94.9316,
82.0659

Harmonies

Analogous

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



60.3242, 66.7165, 73.5781



60.8900, 66.7165, 78.0749



62.1326, 66.7165, 81.2114

Triad

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



60.8900, 66.7165, 78.0749



66.3373, 66.7165, 76.3948



63.0874, 66.7165, 64.0178

Complementary

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



60.8900, 66.7165, 78.0749



60.7839, 61.1764, 61.4292

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.



64.7089, 66.7165, 64.6994



60.8900, 66.7165, 78.0749



66.6035, 66.7165, 71.7157

Square

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



60.8900, 66.7165, 78.0749



65.2814, 66.7165, 80.2124



66.0028, 66.7165, 67.4689



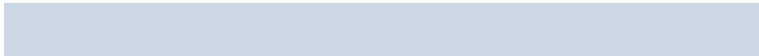
61.5787, 66.7165, 65.5653

Rectangle

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



60.8900, 66.7165, 78.0749



63.1874, 66.7165, 82.0372



66.0028, 66.7165, 67.4689



63.6372, 66.7165, 63.9947

Sweetspot

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



60.8919, 66.7193, 78.0764



91.8862, 97.7677, 108.6359



59.3792, 67.7826, 64.9669



19.4906, 20.8009, 23.2377



0.0000, 0.0000, 0.0000



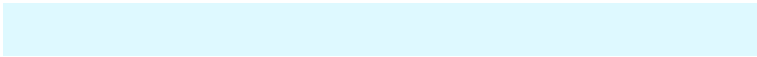
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8919, 66.7193, 78.0764



82.1523, 90.7740, 107.7990



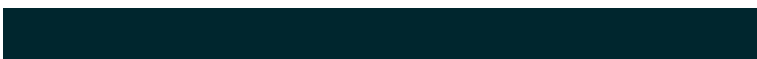
58.0054, 60.9463, 77.1142



13.2507, 14.4411, 16.7412



17.6343, 23.1380, 43.2751



1.1925, 1.5991, 2.8203

Inverse Universe

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



62.3110, 60.3158, 74.0069



84.4952, 80.2924, 101.0597



63.5917, 66.7920, 62.3651



13.5164, 13.2357, 15.9806



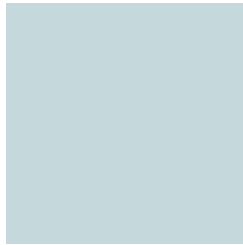
22.3963, 10.9596, 27.5306



1.4762, 0.7201, 1.9167

Previews

White Background



This preview shows how the XYZ color 60.8900, 66.7165, 78.0749 looks on a white background.

Color Contrast Check

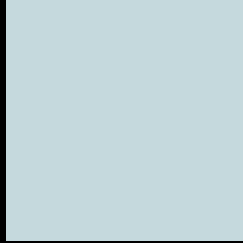
Large Text (above 18pt) WCAG AA × Fail

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 60.8900, 66.7165, 78.0749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

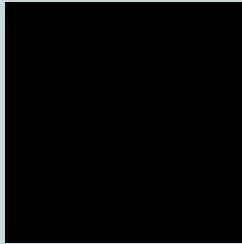
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8900, 66.7165, 78.0749

Background



This preview shows how black text looks on a background with the XYZ color 60.8900, 66.7165, 78.0749.

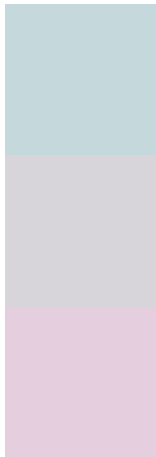


This preview shows how white text looks on a background with the XYZ color 60.8900, 66.7165,

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

60.8900, 66.7165, 78.0749

Protanopia

64.2227, 66.5960, 75.7991

Deuteranopia

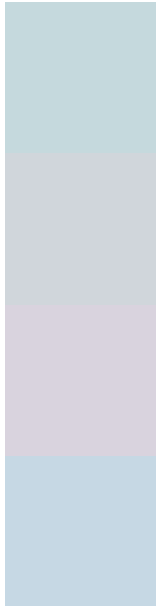
67.9452, 66.6114, 79.0882



Tritanopia

62.4191, 66.5692, 85.9032

Trichromacy



Original Color

60.8900, 66.7165, 78.0749

Protanomaly

62.8452, 66.6175, 76.5640

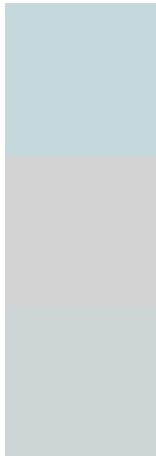
Deuteranomaly

65.0944, 66.6142, 78.5342

Tritanomaly

61.8482, 66.7189, 83.0171

Monochromacy



Original Color

60.8900, 66.7165, 78.0749

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5136, 65.6166, 73.7131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8900, 66.7165, 78.0749 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(197, 217, 221)` looks like.

```
.text, #text, p{  
    color:rgb(197, 217, 221)  
}
```

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(197, 217, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 217, 221) }
```

Border

The CSS property to change the border of an element to XYZ 60.8900, 66.7165, 78.0749 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(197, 217, 221) }
```


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

```
.border{ border-color:rgb(197, 217, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 217, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(197, 217,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8900, 66.7165, 78.0749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 217, 221) }
```

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

```
.background{ background-color: rgb(197,  
217, 221) }
```

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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