

Converting Colors

XYZ(59.5428, 66.0819, 70.9669)

Have a look what the booklet for
XYZ(59.5428, 66.0819, 70.9669)
contains.

XYZ(59.5967, 66.1992, 71.2647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.5967, 66.1992,
71.2647)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D9D3
RGB	197, 217, 211
RGB Percent	77%, 85%, 83%
CMY	0.2274, 0.1490, 0.1725
CMYK	0.09, 0.00, 0.03, 0.15
HSL	162°, 21%, 81%
HSV	162°, 9%, 85%
XYZ	59.5967, 66.1992, 71.2647
YIQ	210.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

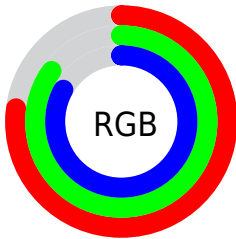
Format	Color
RYB	197, 209, 217
Decimal	12966355
CIELab	85.10, -7.81, 0.66
CIELCh	85, 7.840, 175.175
Yxy	66.1992, 0.3024, 0.3359
Android (android.graphics.Color)	4291156435 (0xFFC5D9D3)
YUV	210.3360, 0.3274, -11.6957
Hunter-Lab	81.3629, -11.6374, 5.0227

Details

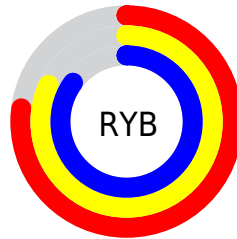
The XYZ color **59.5967, 66.1992, 71.2647** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3634, 58.9977, 64.7619**, and the grayscale version is **61.4835, 64.6854, 70.4424**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.3338, 34.1146, 36.8843** is the 20% darker color. If you saturate the color by 10%, you get **53.5188, 63.1602, 66.8051**, and if you desaturate by 10%, it is **66.5294, 69.6787, 75.9397**.

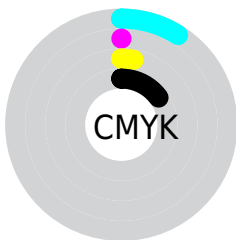
Distribution



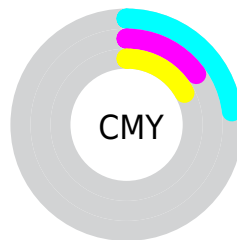
- Red (77%)
- Green (85%)
- Blue (83%)



- Red (77%)
- Yellow (82%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5967, 66.1992, 71.2647 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 59.5967, 66.1992, 71.2647 by changing the saturation by 10% instead.

■ 59.5967, 66.1992,
71.2647

■ 59.5967, 66.1992,
71.2647

412.9682,
447.0890, 483.8868

■ 43.3419, 48.4341,
52.0751

103.3541,
113.7722, 122.7085

■ 30.3491, 34.1708,
36.6823

131.5873,
144.3489, 155.7998

■ 20.2531, 23.0248,
24.6677

164.5441,
179.9649, 194.3621

■ 12.6885, 14.6119,
15.6129

202.5898,
221.0047, 238.8138

■ 7.2899, 8.5474,
9.0993

246.0897,
267.8526, 289.5736

■ 3.6920, 4.4472,
4.7083

295.4091,

■ 1.5294, 1.9267,

320.8930, 347.0601

2.0214

350.9135,
380.5103, 411.6916

■ 0.3457, 0.5644,
0.5684

■ 0.0000, 0.0000,
0.0000

■ 59.5967, 66.1992,
71.2647

■ 59.5967, 66.1992,
71.2647

■ 53.5188, 63.1602,
66.8051

■ 66.5294, 69.6787,
75.9397

■ 48.2550, 60.5353,
62.5529

■ 74.3443, 73.6073,
80.8294

■ 43.7693, 58.3078,
58.5058

■ 80.4130, 76.6318,
85.8140

■ 40.0212, 56.4568,
54.6598

■ 81.3478, 77.0057,
90.7368

■ 36.9660, 54.9594,
51.0106

■ 82.3172, 77.3935,
95.8418

■ 34.5543, 53.7901,
47.5537

■ 83.3216, 77.7952,
101.1306

■ 32.7298, 52.9200,
44.2843

■ 84.1041, 78.1082,
105.2514

■ 31.4260, 52.3149,
41.1971

■ 30.5347, 51.9189,
38.2846

Harmonies

Analogous

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



60.1736, 66.1992, 66.6669



59.5967, 66.1992, 71.2647



59.8967, 66.1992, 76.2966

Triad

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



59.5967, 66.1992, 71.2647



64.3760, 66.1992, 81.2449



64.8797, 66.1992, 64.3869

Complementary

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



59.5967, 66.1992, 71.2647



59.3634, 58.9977, 64.7619

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.



66.0441, 66.1992, 68.0211



59.5967, 66.1992, 71.2647



65.7495, 66.1992, 77.7777

Square

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



59.5967, 66.1992, 71.2647



62.6351, 66.1992, 82.2119



66.3653, 66.1992, 72.9008



63.2064, 66.1992, 62.8161

Rectangle

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



59.5967, 66.1992, 71.2647



60.5566, 66.1992, 79.2003



66.3653, 66.1992, 72.9008



65.3448, 66.1992, 65.3992

Sweetspot

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



59.5986, 66.2020, 71.2662



91.9238, 98.4309, 106.8357



59.6126, 66.4033, 62.4995



19.5008, 20.9806, 22.7502



0.0000, 0.0000, 0.0000



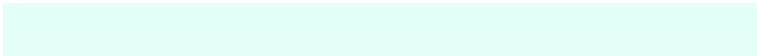
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5986, 66.2020, 71.2662



84.1468, 94.5324, 101.4693



59.4307, 64.6391, 74.9932



13.2697, 14.7595, 15.8833



18.4937, 31.4301, 23.2971



1.2355, 2.0512, 1.7062

Inverse Universe

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



59.3634, 58.9977, 64.7619



83.7441, 82.1903, 90.3270



59.5045, 60.4028, 61.3470



13.2161, 13.1155, 14.3991



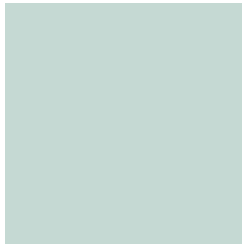
17.9429, 9.1782, 4.0794



1.2000, 0.6096, 0.4619

Previews

White Background



This preview shows how the XYZ color 59.5967, 66.1992, 71.2647 looks on a white background.

Color Contrast Check

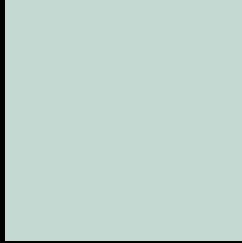
Large Text (above 18pt) WCAG AA × Fail

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 59.5967, 66.1992, 71.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

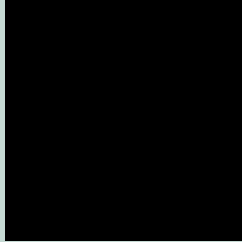
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

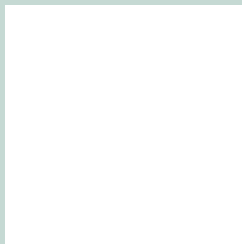
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5967, 66.1992, 71.2647

Background



This preview shows how black text looks on a background with the XYZ color 59.5967, 66.1992, 71.2647.

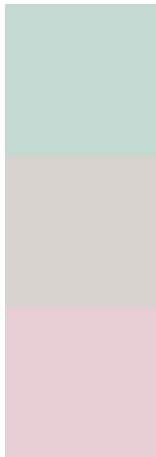


This preview shows how white text looks on a background with the XYZ color 59.5967, 66.1992,

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

59.5967, 66.1992, 71.2647

Protanopia

63.2947, 65.8943, 69.0574

Deuteranopia

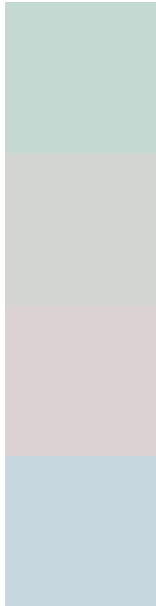
67.3603, 66.1025, 72.1596



Tritanopia

62.2898, 66.1420, 85.0850

Trichromacy



Original Color

59.5967, 66.1992, 71.2647

Protanomaly

61.8812, 65.8936, 69.7788

Deuteranomaly

64.1437, 65.9067, 71.6279

Tritanomaly

61.3082, 66.1248, 80.0531

Monochromacy



Original Color

59.5967, 66.1992, 71.2647

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.6039, 65.2208, 70.3675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5967, 66.1992, 71.2647 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 217, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 217, 211) }
```

Border

The CSS property to change the border of an element to XYZ 59.5967, 66.1992, 71.2647 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, 211) }
```


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

```
.border{ border-color:rgb(197, 217, 211) }
```

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, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 217, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 217, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 217,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5967, 66.1992, 71.2647 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, 211) }
```

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

```
.background{ background-color: rgb(197,  
217, 211) }
```

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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