

Converting Colors

XYZ(66.1020, 67.7436, 89.2570)

Have a look what the booklet for
XYZ(66.1020, 67.7436, 89.2570)
contains.

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Color

**XYZ(66.0859, 67.6417,
88.9299)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D5EC
RGB	212, 213, 236
RGB Percent	83%, 84%, 93%
CMY	0.1686, 0.1647, 0.0745
CMYK	0.10, 0.10, 0.00, 0.07
HSL	237°, 39%, 88%
HSV	237°, 10%, 93%
XYZ	66.0859, 67.6417, 88.9299
YIQ	215.3230, -7.9790, 6.9410

Conversions

Conversions Part 2

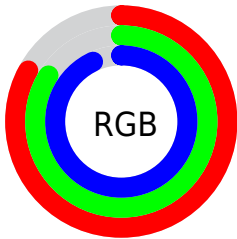
Format	Color
R _{YB}	212, 213, 236
Decimal	13948396
CIE Lab	85.83, 4.05, -11.39
CIE LCh	86, 12.084, 289.563
Yxy	67.6417, 0.2968, 0.3038
Android (android.graphics.Color)	4292138476 (0xFFD4D5EC)
YUV	215.3230, 10.1938, -2.9143
Hunter-Lab	82.2446, -0.4981, -6.5382

Details

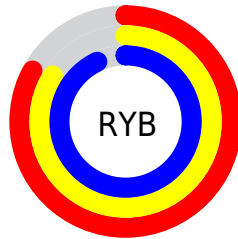
The XYZ color **66.0859, 67.6417, 88.9299** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1842, 82.0022, 74.1012**, and the grayscale version is **64.7488, 68.1207, 74.1835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3697, 34.9171, 48.1082** is the 20% darker color. If you saturate the color by 10%, you get **54.4770, 53.7954, 86.8702**, and if you desaturate by 10%, it is **79.4863, 83.5925, 91.3035**.

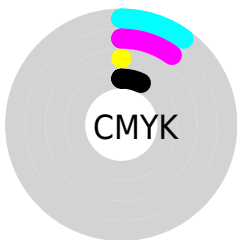
Distribution



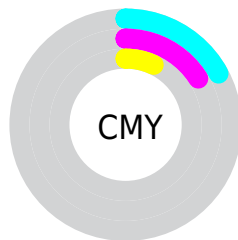
- Red (83%)
- Green (84%)
- Blue (93%)



- Red (83%)
- Yellow (84%)
- Blue (93%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0859, 67.6417, 88.9299 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 66.0859, 67.6417, 88.9299 by changing the saturation by 10% instead.

■ 66.0859, 67.6417,
88.9299

■ 66.0859, 67.6417,
88.9299

436.1678,
452.2255, 545.0237

■ 48.6101, 49.6063,
66.5247

112.6667,
115.8394, 147.7736

■ 34.5235, 35.1007,
48.2393

142.5023,
146.7705, 185.0492

■ 23.4609, 23.7404,
33.6551

177.1887,
182.7690, 228.1187

■ 15.0568, 15.1412,
22.3536

217.0910,
224.2192, 277.4007

■ 8.9458, 8.9185,
13.9161

262.5748,
271.5056, 333.3136

■ 4.7627, 4.6881,
7.9243

314.0052,

■ 2.1420, 2.0654,

325.0125, 396.2761

3.9594

371.7478,
385.1243, 466.7066

■ 0.7119, 0.6451,
1.6031

■ 0.0000, 0.0000,
0.2930

■ 66.0859, 67.6417,
88.9299

■ 66.0859, 67.6417,
88.9299

■ 54.4770, 53.7954,
86.8702

■ 79.4863, 83.5925,
91.3035

■ 44.5780, 41.9576,
85.1070

■ 92.1405, 98.8362,
93.5789

■ 36.3098, 32.0377,
83.6281

■ 29.5850, 23.9346,
82.4184

■ 24.3079, 17.5383,
81.4620

■ 20.3719, 12.7264,
80.7406

■ 17.6561, 9.3607,
80.2341

■ 16.0176, 7.2790,
79.9187

■ 15.2476, 6.2704,
79.7646

Harmonies

Analogous

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



63.3342, 67.6417, 89.6419



66.0859, 67.6417, 88.9299



68.4184, 67.6417, 83.9614

Triad

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



66.0859, 67.6417, 88.9299



67.7975, 67.6417, 62.6711



59.2092, 67.6417, 70.9295

Complementary

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



66.0859, 67.6417, 88.9299



76.1842, 82.0022, 74.1012

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.



60.3338, 67.6417, 64.2200



66.0859, 67.6417, 88.9299



65.2582, 67.6417, 59.6835

Square

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



66.0859, 67.6417, 88.9299



69.4260, 67.6417, 68.6746



62.5297, 67.6417, 60.2295



59.4164, 67.6417, 78.8608

Rectangle

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



66.0859, 67.6417, 88.9299



69.3968, 67.6417, 79.0893



62.5297, 67.6417, 60.2295



59.4427, 67.6417, 68.4666

Sweetspot

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



66.0879, 67.6445, 88.9314



89.9973, 93.9898, 108.0062



72.1144, 79.9757, 90.0829



18.9813, 19.7823, 23.0679



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.



66.0879, 67.6445, 88.9314



76.0238, 77.3497, 105.5308



69.0548, 68.8005, 88.9982



14.2817, 14.6498, 18.9972



8.4278, 3.5026, 43.9748



0.6796, 0.3107, 3.4590

Inverse Universe

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



70.1473, 69.7253, 72.7153



81.6868, 80.2600, 82.9073



72.9939, 80.7852, 74.0344



15.0910, 15.0642, 15.7644



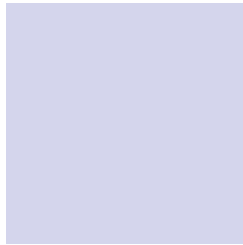
19.1092, 9.8464, 1.1107



1.5095, 0.7768, 0.1347

Previews

White Background



This preview shows how the XYZ color 66.0859, 67.6417, 88.9299 looks on a white background.

Color Contrast Check

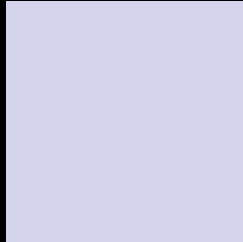
Large Text (above 18pt) WCAG AA × Fail

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 66.0859, 67.6417, 88.9299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

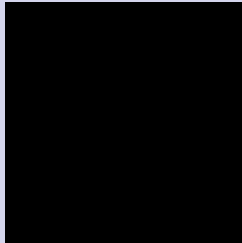
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0859, 67.6417, 88.9299

Background



This preview shows how black text looks on a background with the XYZ color 66.0859, 67.6417, 88.9299.

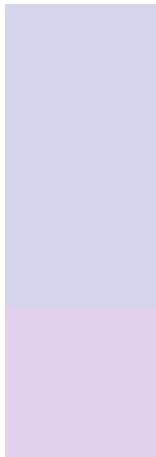


This preview shows how white text looks on a background with the XYZ color 66.0859, 67.6417,

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

66.0859, 67.6417, 88.9299

Protanopia

66.0859, 67.6417, 88.9299

Deuteranopia

69.1379, 67.7229, 89.5486



Tritanopia

65.3343, 67.7115, 85.2275

Trichromacy



Original Color

66.0859, 67.6417, 88.9299

Protanomaly

66.0859, 67.6417, 88.9299

Deuteranomaly

67.8479, 67.4233, 89.5588

Tritanomaly

65.6185, 67.8252, 86.7239

Monochromacy



Original Color

66.0859, 67.6417, 88.9299

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.0974, 67.7170, 79.4517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0859, 67.6417, 88.9299 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, 213, 236)` looks like.

```
.text, #text, p{  
    color:rgb(212, 213, 236)  
}
```

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, 213, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 213, 236) }
```

Border

The CSS property to change the border of an element to XYZ 66.0859, 67.6417, 88.9299 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, 213, 236) }
```


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

```
.border{ border-color:rgb(212, 213, 236) }
```

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

Here you see how a box with a 4 pixel rgb(212, 213, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 213, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 213, 236);  
box-shadow:4px 4px 4px 4px rgb(212, 213,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0859, 67.6417, 88.9299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 213, 236) }
```

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

```
.background{ background-color: rgb(212,  
213, 236) }
```

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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