

Converting Colors

XYZ(66.0828, 67.0566, 83.9556)

Have a look what the booklet for
XYZ(66.0828, 67.0566, 83.9556)
contains.

XYZ(66.1925, 67.0534, 84.3168)	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(66.1925, 67.0534,
84.3168)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D3E6
RGB	217, 211, 230
RGB Percent	85%, 83%, 90%
CMY	0.1490, 0.1725, 0.0980
CMYK	0.06, 0.08, 0.00, 0.10
HSL	259°, 28%, 86%
HSV	259°, 8%, 90%
XYZ	66.1925, 67.0534, 84.3168
YIQ	214.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

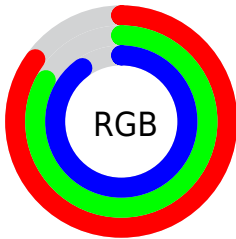
Format	Color
R _Y B	217, 211, 230
Decimal	14275558
CIE Lab	85.53, 5.56, -8.61
CIE LCh	86, 10.247, 302.864
Yxy	67.0534, 0.3042, 0.3082
Android (android.graphics.Color)	4292465638 (0xFFD9D3E6)
YUV	214.9600, 7.4147, 1.7891
Hunter-Lab	81.8861, 0.9894, -3.7296

Details

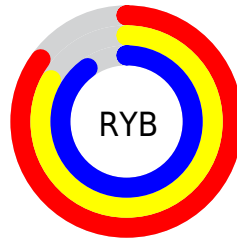
The XYZ color **66.1925, 67.0534, 84.3168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7975, 77.1458, 72.7905**, and the grayscale version is **64.5186, 67.8785, 73.9197**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6951, 34.8905, 45.4633** is the 20% darker color. If you saturate the color by 10%, you get **56.4255, 54.1357, 82.3392**, and if you desaturate by 10%, it is **77.2272, 81.8419, 86.5907**.

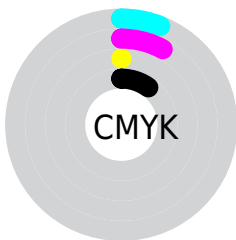
Distribution



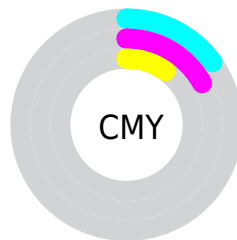
- Red (85%)
- Green (83%)
- Blue (90%)



- Red (85%)
- Yellow (83%)
- Blue (90%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1925, 67.0534, 84.3168 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 66.1925, 67.0534, 84.3168 by changing the saturation by 10% instead.

■ 66.1925, 67.0534,
84.3168

■ 66.1925, 67.0534,
84.3168

436.5428,
450.1348, 529.4502

■ 48.6970, 49.1280,
62.7301

112.8188,
114.9969, 141.2839

■ 34.5927, 34.7210,
45.1833

142.6802,
145.7839, 177.5014

■ 23.5143, 23.4481,
31.2578

177.3944,
181.6268, 219.4330

■ 15.0965, 14.9247,
20.5352

217.3266,
222.9101, 267.4971

■ 8.9739, 8.7666,
12.5967

262.8421,
270.0181, 322.1124

■ 4.7811, 4.5892,
7.0240

314.3065,

■ 2.1529, 2.0083,

323.3353, 383.6973

3.3984

372.0849,
383.2461, 452.6704

■ 0.7177, 0.6123,
1.3015

■ 0.0000, 0.0000,
0.0630

■ 66.1925, 67.0534,
84.3168

■ 66.1925, 67.0534,
84.3168

■ 56.4255, 54.1357,
82.3392

■ 77.2272, 81.8419,
86.5907

■ 47.8732, 43.0047,
80.6415

■ 88.9251, 97.2776,
88.9536

■ 40.4878, 33.5826,
79.2121

■ 91.2831, 98.4932,
89.0639

■ 34.2155, 25.7824,
78.0371

■ 28.9983, 19.5092,
77.1012

■ 24.7724, 14.6579,
76.3876

■ 21.4666, 11.1099,
75.8770

■ 18.9982, 8.7259,
75.5469

■ 17.2556, 7.3101,
75.3655

Harmonies

Analogous

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



63.9562, 67.0534, 86.5777



66.1925, 67.0534, 84.3168



67.7997, 67.0534, 79.0148

Triad

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



66.1925, 67.0534, 84.3168



65.7959, 67.0534, 62.1842



59.3649, 67.0534, 73.6523

Complementary

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



66.1925, 67.0534, 84.3168



70.7975, 77.1458, 72.7905

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.



59.8308, 67.0534, 67.3169



66.1925, 67.0534, 84.3168



63.5088, 67.0534, 60.9390

Square

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



66.1925, 67.0534, 84.3168



67.5669, 67.0534, 66.2712



61.3337, 67.0534, 62.7616



60.0455, 67.0534, 80.1903

Rectangle

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



66.1925, 67.0534, 84.3168



68.2782, 67.0534, 74.6139



61.3337, 67.0534, 62.7616



59.3927, 67.0534, 71.4287

Sweetspot

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



66.1945, 67.0563, 84.3183



92.1722, 96.1332, 108.3053



67.8855, 73.0369, 85.3835



19.7588, 20.6170, 23.1880



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.



66.1945, 67.0563, 84.3183



81.3169, 81.6351, 106.0790



69.0061, 68.5057, 84.4499



14.0089, 14.1068, 18.1289



9.7367, 4.0854, 42.6585



0.8129, 0.3501, 3.1567

Inverse Universe

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



69.3842, 68.7963, 80.1462



86.1786, 84.2880, 99.6823



68.0226, 75.7153, 72.6606



14.7913, 14.5337, 17.1014



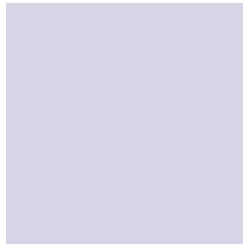
21.9972, 10.9331, 19.4118



1.6671, 0.8246, 1.6536

Previews

White Background



This preview shows how the XYZ color 66.1925, 67.0534, 84.3168 looks on a white background.

Color Contrast Check

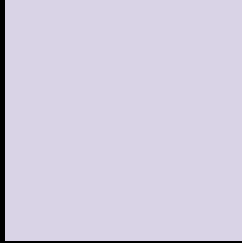
Large Text (above 18pt) WCAG AA × Fail

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 66.1925, 67.0534, 84.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

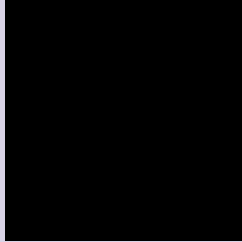
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1925, 67.0534, 84.3168

Background



This preview shows how black text looks on a background with the XYZ color 66.1925, 67.0534, 84.3168.

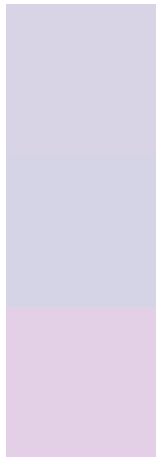


This preview shows how white text looks on a background with the XYZ color 66.1925, 67.0534,

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

66.1925, 67.0534, 84.3168

Protanopia

65.4079, 67.0026, 85.0867

Deuteranopia

68.6582, 67.2122, 84.9559



Tritanopia

65.9131, 66.9417, 82.8458

Trichromacy



Original Color

66.1925, 67.0534, 84.3168

Protanomaly

65.6988, 67.1526, 85.1004

Deuteranomaly

67.6557, 67.0584, 84.9790

Tritanomaly

66.0524, 66.9974, 83.5792

Monochromacy



Original Color

66.1925, 67.0534, 84.3168

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.2837, 67.8594, 77.3675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1925, 67.0534, 84.3168 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(217, 211, 230)` looks like.

```
.text, #text, p{  
    color:rgb(217, 211, 230)  
}
```

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(217, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 211, 230) }
```

Border

The CSS property to change the border of an element to XYZ 66.1925, 67.0534, 84.3168 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(217, 211, 230) }
```


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

```
.border{ border-color:rgb(217, 211, 230) }
```

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

Here you see how a box with a 4 pixel rgb(217, 211, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(217, 211,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1925, 67.0534, 84.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 211, 230) }
```

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

```
.background{ background-color: rgb(217,  
211, 230) }
```

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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