

Converting Colors

XYZ(64.9209, 67.6861, 84.8557)

Have a look what the booklet for
XYZ(64.9209, 67.6861, 84.8557)
contains.

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Color

**XYZ(64.6240, 67.3616,
84.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D6E6
RGB	209, 214, 230
RGB Percent	82%, 84%, 90%
CMY	0.1804, 0.1608, 0.0980
CMYK	0.09, 0.07, 0.00, 0.10
HSL	226°, 30%, 86%
HSV	226°, 9%, 90%
XYZ	64.6240, 67.3616, 84.4590
YIQ	214.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

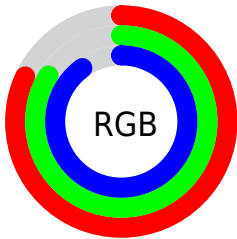
Format	Color
R _Y B	209, 213, 230
Decimal	13752038
CIE Lab	85.69, 1.36, -8.44
CIE LCh	86, 8.551, 279.166
Yxy	67.3616, 0.2986, 0.3112
Android (android.graphics.Color)	4291942118 (0xFFD1D6E6)
YUV	214.3290, 7.7258, -4.6735
Hunter-Lab	82.0741, -3.0813, -3.5610

Details

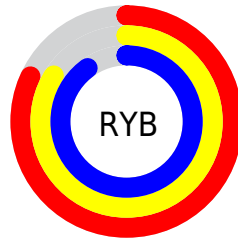
The XYZ color **64.6240, 67.3616, 84.4590** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0673, 75.2765, 71.1070**, and the grayscale version is **64.0932, 67.4310, 73.4324**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6536, 34.8600, 45.5124** is the 20% darker color. If you saturate the color by 10%, you get **54.3826, 55.8512, 82.7781**, and if you desaturate by 10%, it is **76.2857, 80.3158, 86.3458**.

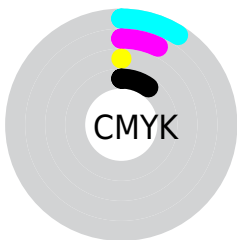
Distribution



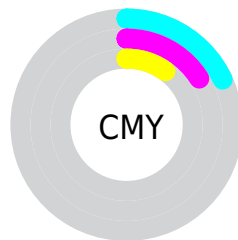
- Red (82%)
- Green (84%)
- Blue (90%)



- Red (82%)
- Yellow (84%)
- Blue (90%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6240, 67.3616, 84.4590 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 64.6240, 67.3616, 84.4590 by changing the saturation by 10% instead.

■ 64.6240, 67.3616,
84.4590

■ 64.6240, 67.3616,
84.4590

431.0062,
451.2308, 529.9340

■ 47.4198, 49.3785,
62.8469

110.5778,
115.4384, 141.4845

■ 33.5770, 34.9199,
45.2771

140.0582,
146.3009, 177.7350

■ 22.7302, 23.6011,
31.3312

174.3613,
182.2254, 219.7020

■ 14.5140, 15.0380,
20.5906

213.8526,
223.5962, 267.8041

■ 8.5631, 8.8461,
12.6368

258.8974,
270.7978, 322.4598

■ 4.5121, 4.6409,
7.0511

309.8610,

■ 1.9958, 2.0382,

324.2145, 384.0877

3.4152

367.1088,
384.2307, 453.1062

■ 0.6316, 0.6295,
1.3103

■ 0.0000, 0.0000,
0.0702

■ 64.6240, 67.3616,
84.4590

■ 64.6240, 67.3616,
84.4590

■ 54.3826, 55.8512,
82.7781

■ 76.2857, 80.3158,
86.3458

■ 45.5005, 45.7256,
81.2918

■ 89.4131, 94.7531,
88.4406

■ 37.9210, 36.9337,
79.9943

■ 91.2831, 98.4933,
89.0640

■ 31.5809, 29.4182,
78.8778

■ 26.4117, 23.1176,
77.9341

■ 22.3377, 17.9648,
77.1542

■ 19.2741, 13.8856,
76.5283

■ 17.1222, 10.7961,
76.0454

■ 15.7379, 8.5855,
75.6917

Harmonies

Analogous

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



62.7016, 67.3616, 83.8402



64.6240, 67.3616, 84.4590



66.4212, 67.3616, 81.9849

Triad

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



64.6240, 67.3616, 84.4590



66.9748, 67.3616, 66.7737



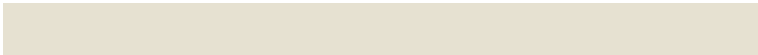
60.5863, 67.3616, 69.5941

Complementary

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



64.6240, 67.3616, 84.4590



71.0673, 75.2765, 71.1070

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.



61.6875, 67.3616, 65.3351



64.6240, 67.3616, 84.4590



65.3672, 67.3616, 63.7650

Square

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



64.6240, 67.3616, 84.4590



67.7965, 67.3616, 71.6489



63.4301, 67.3616, 63.2520



60.3964, 67.3616, 75.0683

Rectangle

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



64.6240, 67.3616, 84.4590



67.2971, 67.3616, 78.9848



63.4301, 67.3616, 63.2520



60.8610, 67.3616, 67.9809

Sweetspot

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



64.6260, 67.3644, 84.4605



90.4604, 94.9159, 108.1606



68.1490, 75.5727, 82.0518



19.1057, 20.0312, 23.1094



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.



64.6260, 67.3644, 84.4605



79.0311, 82.1794, 106.3046



64.8892, 65.6492, 84.1155



13.8602, 14.4418, 18.2014



8.9329, 4.9279, 42.8635



0.7308, 0.5056, 3.1910

Inverse Universe

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



67.5728, 67.2804, 73.0465



83.4939, 82.0902, 89.0098



70.7800, 77.1657, 71.4868



14.5170, 14.4240, 15.6570



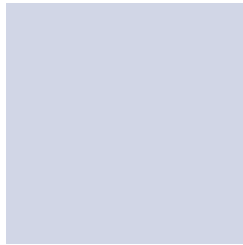
18.9024, 9.6952, 3.1152



1.4325, 0.7307, 0.4182

Previews

White Background



This preview shows how the XYZ color 64.6240, 67.3616, 84.4590 looks on a white background.

Color Contrast Check

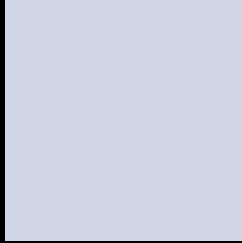
Large Text (above 18pt) WCAG AA × Fail

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 64.6240, 67.3616, 84.4590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

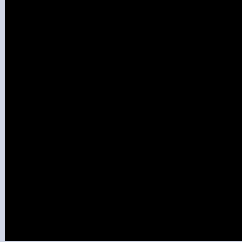
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

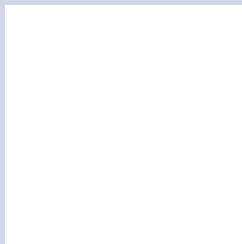
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6240, 67.3616, 84.4590

Background



This preview shows how black text looks on a background with the XYZ color 64.6240, 67.3616, 84.4590.

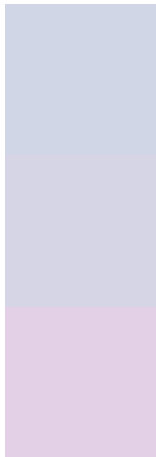


This preview shows how white text looks on a background with the XYZ color 64.6240, 67.3616,

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

64.6240, 67.3616, 84.4590

Protanopia

65.3777, 67.3918, 83.6909

Deuteranopia

68.6582, 67.2122, 84.9559



Tritanopia

64.7649, 67.4180, 85.2008

Trichromacy



Original Color

64.6240, 67.3616, 84.4590

Protanomaly

65.0885, 67.2427, 83.6773

Deuteranomaly

66.9856, 67.0784, 85.0182

Tritanomaly

64.7649, 67.4180, 85.2008

Monochromacy



Original Color

64.6240, 67.3616, 84.4590

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.1162, 67.2575, 77.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6240, 67.3616, 84.4590 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(209, 214, 230) looks like.

```
.text, #text, p{  
    color:rgb(209, 214, 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(209, 214, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 214, 230) }
```

Border

The CSS property to change the border of an element to XYZ 64.6240, 67.3616, 84.4590 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(209, 214, 230) }
```


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

```
.border{ border-color:rgb(209, 214, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 214, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 214, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 214, 230);  
box-shadow:4px 4px 4px 4px rgb(209, 214,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6240, 67.3616, 84.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 214, 230) }
```

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

```
.background{ background-color: rgb(209,  
214, 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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