

Converting Colors

XYZ(65.1553, 67.9824, 86.0190)

Have a look what the booklet for
XYZ(65.1553, 67.9824, 86.0190)
contains.

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Color

**XYZ(65.1604, 67.9824,
86.0315)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D7E8
RGB	209, 215, 232
RGB Percent	82%, 84%, 91%
CMY	0.1804, 0.1568, 0.0902
CMYK	0.10, 0.07, 0.00, 0.09
HSL	224°, 33%, 86%
HSV	224°, 10%, 91%
XYZ	65.1604, 67.9824, 86.0315
YIQ	215.1440, -9.0330, 4.0150

Conversions

Conversions Part 2

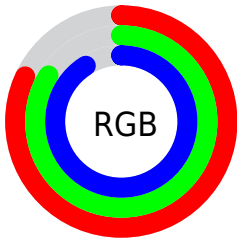
Format	Color
R _Y B	209, 214, 232
Decimal	13752296
CIE Lab	86.00, 1.23, -9.04
CIE LCh	86, 9.122, 277.768
Yxy	67.9824, 0.2973, 0.3102
Android (android.graphics.Color)	4291942376 (0xFFD1D7E8)
YUV	215.1440, 8.3100, -5.3883
Hunter-Lab	82.4514, -3.2236, -4.1484

Details

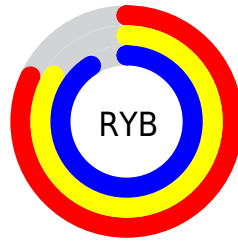
The XYZ color **65.1604, 67.9824, 86.0315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9839, 76.1513, 71.2275**, and the grayscale version is **64.6404, 68.0067, 74.0593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7337, 35.1462, 46.0802** is the 20% darker color. If you saturate the color by 10%, you get **54.9294, 56.5649, 84.3680**, and if you desaturate by 10%, it is **76.8087, 80.8134, 87.8953**.

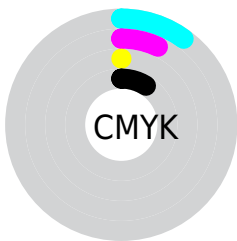
Distribution



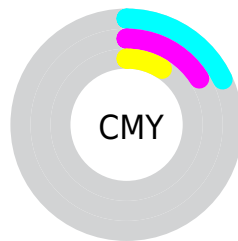
- Red (82%)
- Green (84%)
- Blue (91%)



- Red (82%)
- Yellow (84%)
- Blue (91%)



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



- Cyan (18%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1604, 67.9824, 86.0315 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 65.1604, 67.9824, 86.0315 by changing the saturation by 10% instead.

■ 65.1604, 67.9824,
86.0315

■ 65.1604, 67.9824,
86.0315

432.9043,
453.4337, 535.2684

■ 47.8563, 49.8834,
64.1390

111.3449,
116.3270, 143.7004

■ 33.9239, 35.3208,
46.3163

140.9560,
147.3413, 180.3138

■ 22.9978, 23.9101,
32.1451

175.4001,
183.4296, 222.6713

■ 14.7125, 15.2669,
21.2066

215.0427,
224.9762, 271.1914

■ 8.7029, 9.0069,
13.0824

260.2490,
272.3655, 326.2926

■ 4.6034, 4.7457,
7.3539

311.3845,

■ 2.0489, 2.0988,

325.9819, 388.3935

3.6026

368.8145,
386.2099, 457.9126

■ 0.6612, 0.6640,
1.4100

■ 0.0000, 0.0000,
0.1495

■ 65.1604, 67.9824,
86.0315

■ 65.1604, 67.9824,
86.0315

■ 54.9294, 56.5649,
84.3680

■ 76.8087, 80.8134,
87.8953

■ 46.0546, 46.5030,
82.8936

■ 89.7724, 95.0197,
89.9541

■ 38.4791, 37.7475,
81.6029

■ 91.5657, 98.6063,
90.5519

■ 32.1397, 30.2426,
80.4884

■ 26.9674, 23.9283,
79.5423

■ 22.8864, 18.7396,
78.7558

■ 19.8112, 14.6042,
78.1197

■ 17.6419, 11.4404,
77.6233

■ 16.2211, 9.1334,
77.2529

Harmonies

Analogous

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



63.1053, 67.9824, 85.2044



65.1604, 67.9824, 86.0315



67.1101, 67.9824, 83.5057

Triad

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



65.1604, 67.9824, 86.0315



67.8472, 67.9824, 67.1879



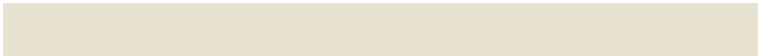
60.9631, 67.9824, 69.7478

Complementary

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



65.1604, 67.9824, 86.0315



71.9839, 76.1513, 71.2275

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.



62.1830, 67.9824, 65.2836



65.1604, 67.9824, 86.0315



66.1490, 67.9824, 63.8622

Square

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



65.1604, 67.9824, 86.0315



68.6830, 67.9824, 72.4752



64.0731, 67.9824, 63.1843



60.7113, 67.9824, 75.5892

Rectangle

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



65.1604, 67.9824, 86.0315



68.0776, 67.9824, 80.3366



64.0731, 67.9824, 63.1843



61.2723, 67.9824, 68.0459

Sweetspot

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



65.1624, 67.9853, 86.0330



90.5143, 95.0238, 108.1785



68.8614, 76.7533, 83.0422



19.1202, 20.0602, 23.1142



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.



65.1624, 67.9853, 86.0330



77.8803, 81.0626, 106.1497



65.2058, 65.7797, 85.6050



13.8872, 14.4957, 18.2104



9.0864, 5.2349, 42.9147



0.7455, 0.5349, 3.1959

Inverse Universe

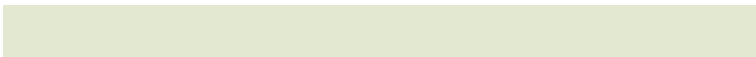
The Inverse Universe completely reimagines the original color for something new.



68.3465, 67.6644, 73.7516



82.6238, 80.6348, 87.8417



71.9293, 78.5891, 71.7009



14.5306, 14.4294, 15.7287



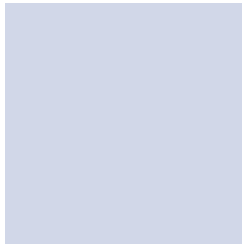
18.9799, 9.7262, 3.5232



1.4399, 0.7337, 0.4571

Previews

White Background



This preview shows how the XYZ color 65.1604, 67.9824, 86.0315 looks on a white background.

Color Contrast Check

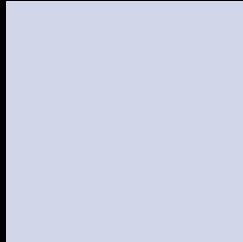
Large Text (above 18pt) WCAG AA × Fail

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 65.1604, 67.9824, 86.0315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

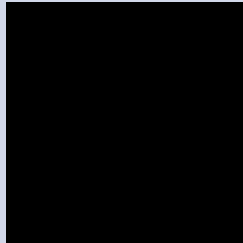
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1604, 67.9824, 86.0315

Background



This preview shows how black text looks on a background with the XYZ color 65.1604, 67.9824, 86.0315.

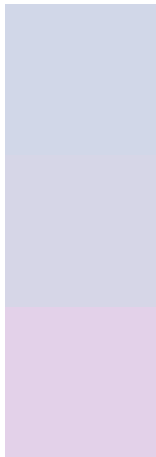


This preview shows how white text looks on a background with the XYZ color 65.1604, 67.9824,

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

65.1604, 67.9824, 86.0315

Protanopia

66.2019, 68.1588, 85.2681

Deuteranopia

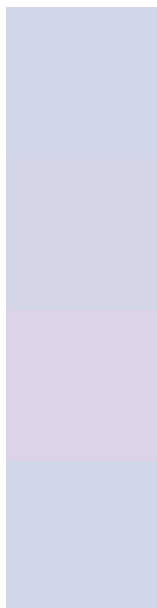
69.1870, 67.8150, 86.5339



Tritanopia

65.1604, 67.9824, 86.0315

Trichromacy



Original Color

65.1604, 67.9824, 86.0315

Protanomaly

65.6217, 67.8597, 85.2409

Deuteranomaly

67.5174, 67.6874, 86.5972

Tritanomaly

65.1604, 67.9824, 86.0315

Monochromacy



Original Color

65.1604, 67.9824, 86.0315

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7922, 67.9675, 78.1107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1604, 67.9824, 86.0315 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, 215, 232)` looks like.

```
.text, #text, p{  
    color:rgb(209, 215, 232)  
}
```

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, 215, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 215, 232) }
```

Border

The CSS property to change the border of an element to XYZ 65.1604, 67.9824, 86.0315 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, 215, 232) }
```


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

```
.border{ border-color:rgb(209, 215, 232) }
```

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

Here you see how a box with a 4 pixel rgb(209, 215, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 215, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 215, 232);  
box-shadow:4px 4px 4px 4px rgb(209, 215,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1604, 67.9824, 86.0315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 215, 232) }
```

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

```
.background{ background-color: rgb(209,  
215, 232) }
```

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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