

Converting Colors

XYZ(67.3135, 71.2316, 85.5328)

Have a look what the booklet for
XYZ(67.3135, 71.2316, 85.5328)
contains.

XYZ(67.4316, 71.4795, 85.8442)	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(67.4316, 71.4795,
85.8442)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DDE7
RGB	212, 221, 231
RGB Percent	83%, 87%, 91%
CMY	0.1686, 0.1333, 0.0941
CMYK	0.08, 0.04, 0.00, 0.09
HSL	212°, 28%, 87%
HSV	212°, 8%, 91%
XYZ	67.4316, 71.4795, 85.8442
YIQ	219.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

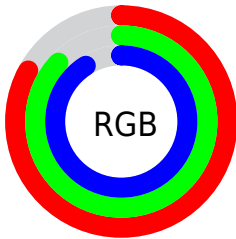
Format	Color
R _Y B	212, 218, 231
Decimal	13950439
CIE Lab	87.72, -1.12, -5.94
CIE LCh	88, 6.043, 259.358
Yxy	71.4795, 0.3000, 0.3180
Android (android.graphics.Color)	4292140519 (0xFFD4DDE7)
YUV	219.4490, 5.6946, -6.5328
Hunter-Lab	84.5455, -5.5872, -1.0188

Details

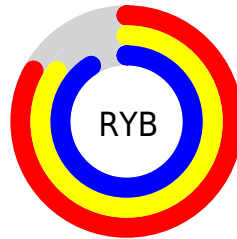
The XYZ color **67.4316, 71.4795, 85.8442** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9601, 73.9842, 72.8288**, and the grayscale version is **67.6114, 71.1325, 77.4632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2787, 37.5357, 45.9432** is the 20% darker color. If you saturate the color by 10%, you get **58.1499, 62.1039, 84.5248**, and if you desaturate by 10%, it is **77.9025, 81.8169, 87.2887**.

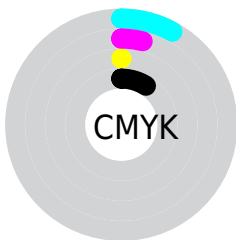
Distribution



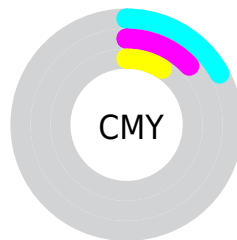
- Red (83%)
- Green (87%)
- Blue (91%)



- Red (83%)
- Yellow (85%)
- Blue (91%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4316, 71.4795, 85.8442 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 67.4316, 71.4795, 85.8442 by changing the saturation by 10% instead.

■ 67.4316, 71.4795,
85.8442

■ 67.4316, 71.4795,
85.8442

440.8879,
465.7279, 534.6346

■ 49.7074, 52.7336,
63.9850

114.5850,
121.3162, 143.4367

■ 35.3978, 37.5901,
46.1924

144.7450,
153.1758, 180.0070

■ 24.1374, 25.6647,
32.0479

179.7809,
190.1755, 222.3181

■ 15.5609, 16.5730,
21.1330

220.0582,
232.6995, 270.7886

■ 9.3028, 9.9305,
13.0291

265.9422,
281.1324, 325.8370

■ 4.9979, 5.3529,
7.3176

317.7982,

■ 2.2808, 2.4558,

335.8585, 387.8817

3.5801

375.9917,
397.2622, 457.3414

■ 0.7848, 0.8544,
1.3979

■ 0.0000, 0.0000,
0.1401

■ 67.4316, 71.4795,
85.8442

■ 67.4316, 71.4795,
85.8442

■ 58.1499, 62.1039,
84.5248

■ 77.9025, 81.8169,
87.2887

■ 50.0060, 53.6506,
83.3224

■ 88.4110, 92.5236,
88.8015

■ 42.9538, 46.0901,
82.2348

■ 91.4240, 98.5496,
89.8058

■ 36.9415, 39.3881,
81.2581

■ 31.9127, 33.5075,
80.3880

■ 27.8051, 28.4077,
79.6202

■ 24.5485, 24.0439,
78.9495

■ 22.0609, 20.3646,
78.3704

■ 20.2279, 17.3012,
77.8758

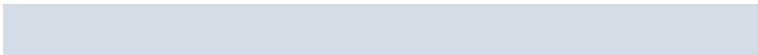
Harmonies

Analogous

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



66.1604, 71.4795, 83.9711



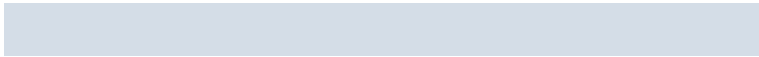
67.4316, 71.4795, 85.8442



68.8565, 71.4795, 85.5133

Triad

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



67.4316, 71.4795, 85.8442



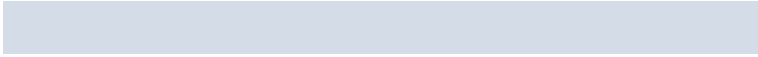
70.5718, 71.4795, 75.2427



65.8699, 71.4795, 72.8020

Complementary

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



67.4316, 71.4795, 85.8442



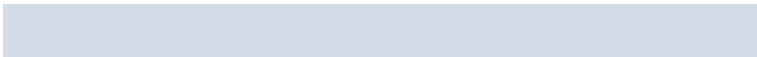
70.9601, 73.9842, 72.8288

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.



67.0300, 71.4795, 70.6195



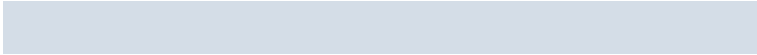
67.4316, 71.4795, 85.8442



69.7495, 71.4795, 71.9940

Square

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



67.4316, 71.4795, 85.8442



70.6830, 71.4795, 79.2953



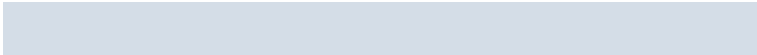
68.4492, 71.4795, 70.3290



65.2672, 71.4795, 76.3810

Rectangle

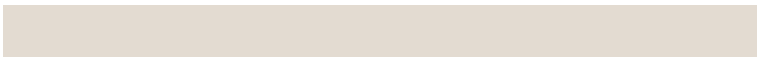
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.4316, 71.4795, 85.8442



69.7013, 71.4795, 84.0907



68.4492, 71.4795, 70.3290



66.2068, 71.4795, 71.8862

Sweetspot

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



67.4337, 71.4825, 85.8458



92.3485, 97.3454, 108.5300



68.8886, 76.4141, 80.0982



19.7947, 20.8638, 23.2338



0.0000, 0.0000, 0.0000



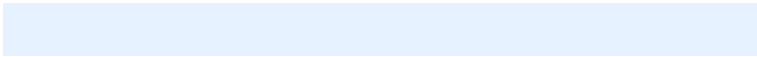
20.3446, 21.4041, 23.3091

Same Dimension

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



67.4337, 71.4825, 85.8458



82.1513, 87.2171, 107.1125



65.2112, 66.9018, 85.0788



14.1433, 15.0080, 18.2957



11.3022, 9.6665, 43.6533



0.9276, 0.8992, 3.2566

Inverse Universe

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



69.5512, 69.2977, 78.1202



85.3624, 83.9615, 95.3841



73.3136, 78.8427, 73.6426



14.6599, 14.4812, 16.4095



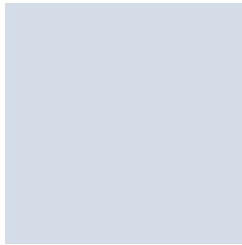
20.0983, 10.1735, 9.4127



1.5319, 0.7705, 0.9413

Previews

White Background



This preview shows how the XYZ color 67.4316, 71.4795, 85.8442 looks on a white background.

Color Contrast Check

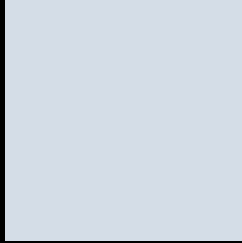
Large Text (above 18pt) WCAG AA × Fail

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 67.4316, 71.4795, 85.8442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

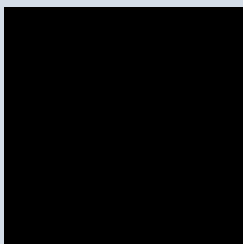
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

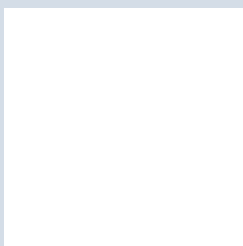
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4316, 71.4795, 85.8442

Background



This preview shows how black text looks on a background with the XYZ color 67.4316, 71.4795, 85.8442.



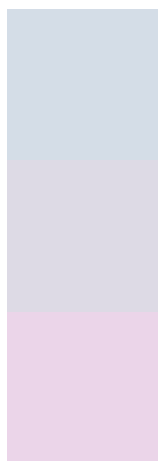
This preview shows how white text looks on a background with the XYZ color 67.4316, 71.4795,

85.8442.

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

67.4316, 71.4795, 85.8442

Protanopia

69.0331, 71.1721, 84.2279

Deuteranopia

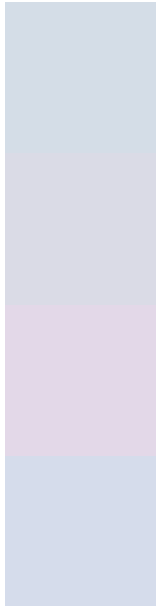
72.7632, 71.1339, 86.9860



Tritanopia

68.3198, 71.4470, 90.3106

Trichromacy



Original Color

67.4316, 71.4795, 85.8442

Protanomaly

68.5279, 71.2816, 85.0098

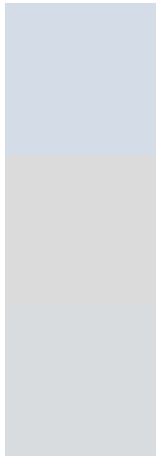
Deuteranomaly

70.7999, 71.2688, 86.3686

Tritanomaly

68.0292, 71.3307, 88.7799

Monochromacy



Original Color

67.4316, 71.4795, 85.8442

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.2314, 71.1130, 79.9948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4316, 71.4795, 85.8442 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, 221, 231) looks like.

```
.text, #text, p{  
    color:rgb(212, 221, 231)  
}
```

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, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 221, 231) }
```

Border

The CSS property to change the border of an element to XYZ 67.4316, 71.4795, 85.8442 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, 221, 231) }
```


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

```
.border{ border-color:rgb(212, 221, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 221, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 221, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 221, 231);  
box-shadow:4px 4px 4px 4px rgb(212, 221,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4316, 71.4795, 85.8442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 221, 231) }
```

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

```
.background{ background-color: rgb(212,  
221, 231) }
```

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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