

Converting Colors

XYZ(67.2960, 73.2757, 84.5557)

Have a look what the booklet for
XYZ(67.2960, 73.2757, 84.5557)
contains.

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Color

**XYZ(67.3516, 73.4598,
84.7581)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E2E5
RGB	208, 226, 229
RGB Percent	82%, 89%, 90%
CMY	0.1843, 0.1137, 0.1020
CMYK	0.09, 0.01, 0.00, 0.10
HSL	189°, 29%, 86%
HSV	189°, 9%, 90%
XYZ	67.3516, 73.4598, 84.7581
YIQ	220.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

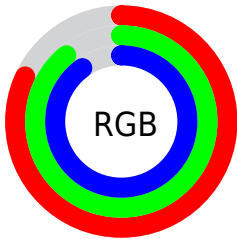
Format	Color
R _Y B	208, 218, 229
Decimal	13689573
CIE Lab	88.67, -5.38, -3.52
CIE LCh	89, 6.432, 213.182
Yxy	73.4598, 0.2986, 0.3257
Android (android.graphics.Color)	4291879653 (0xFFD0E2E5)
YUV	220.9600, 3.9637, -11.3659
Hunter-Lab	85.7087, -9.7214, 1.3637

Details

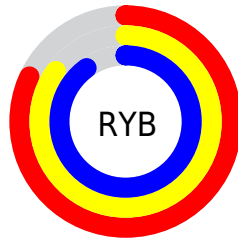
The XYZ color **67.3516, 73.4598, 84.7581** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9927, 67.8000, 69.2313**, and the grayscale version is **68.6799, 72.2566, 78.6874**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5293, 39.0518, 45.7096** is the 20% darker color. If you saturate the color by 10%, you get **60.4928, 68.6194, 84.1865**, and if you desaturate by 10%, it is **75.1612, 78.8195, 85.3822**.

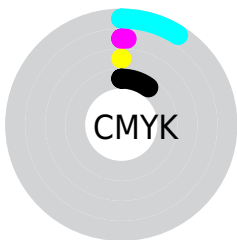
Distribution



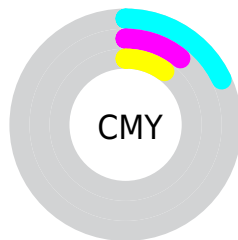
- Red (82%)
- Green (89%)
- Blue (90%)



- Red (82%)
- Yellow (85%)
- Blue (90%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3516, 73.4598, 84.7581 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 67.3516, 73.4598, 84.7581 by changing the saturation by 10% instead.

■ 67.3516, 73.4598,
84.7581

■ 67.3516, 73.4598,
84.7581

440.6081,
472.6069, 530.9510

■ 49.6422, 54.3520,
63.0925

114.4711,
124.1297, 141.9063

■ 35.3458, 38.8832,
45.4746

144.6119,
156.4607, 178.2260

■ 24.0971, 26.6688,
31.4857

179.6271,
193.9681, 220.2676

■ 15.5308, 17.3247,
20.7074

219.8822,
237.0365, 268.4494

■ 9.2815, 10.4662,
12.7212

265.7425,
286.0502, 323.1901

■ 4.9838, 5.7092,
7.1084

317.5733,

■ 2.2724, 2.6691,

341.3935, 384.9083

3.4505

375.7401,
403.4509, 454.0224

■ 0.7805, 0.9615,
1.3290

■ 0.0000, 0.0000,
0.0854

■ 67.3516, 73.4598,
84.7581

■ 67.3516, 73.4598,
84.7581

■ 60.4928, 68.6194,
84.1865

■ 75.1612, 78.8195,
85.3822

■ 54.5386, 64.2684,
83.6604

■ 83.9526, 84.7085,
86.0555

■ 49.4487, 60.3878,
83.1797

■ 85.3232, 86.7975,
86.3865

■ 45.1769, 56.9536,
82.7420

■ 86.2716, 88.6943,
86.7026

■ 41.6727, 53.9398,
82.3449

■ 87.2373, 90.6257,
87.0245

■ 38.8802, 51.3173,
81.9859

■ 88.2204, 92.5919,
87.3522

■ 36.7352, 49.0528,
81.6619

■ 89.2210, 94.5931,
87.6857

■ 35.1621, 47.1074,
81.3693

■ 90.2391, 96.6294,
88.0251

■ 34.0418, 45.4194,
81.1025

■ 91.1431, 98.4372,
88.3264

Harmonies

Analogous

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



66.8818, 73.4598, 80.4609



67.3516, 73.4598, 84.7581



68.4826, 73.4598, 87.8635

Triad

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



67.3516, 73.4598, 84.7581



72.5206, 73.4598, 83.9063



69.6557, 73.4598, 71.7459

Complementary

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



67.3516, 73.4598, 84.7581



66.9927, 67.8000, 69.2313

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.



71.1774, 73.4598, 72.5925



67.3516, 73.4598, 84.7581



72.8458, 73.4598, 79.5115

Square

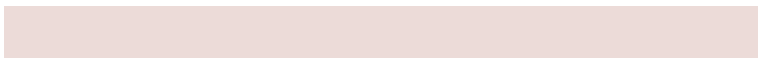
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.3516, 73.4598, 84.7581



71.4686, 73.4598, 87.3591



72.3507, 73.4598, 75.3950



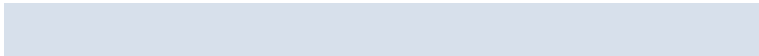
68.1996, 73.4598, 73.0384

Rectangle

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



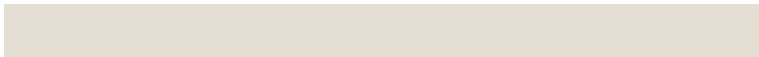
67.3516, 73.4598, 84.7581



69.4674, 73.4598, 88.7817



72.3507, 73.4598, 75.3950



70.1765, 73.4598, 71.7899

Sweetspot

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



67.3537, 73.4629, 84.7597



91.9441, 97.8834, 108.6552



65.7656, 74.1428, 72.3425



19.5062, 20.8322, 23.2429



0.0000, 0.0000, 0.0000



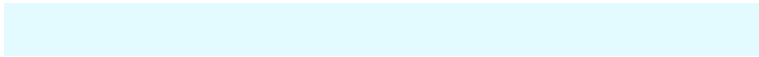
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3537, 73.4629, 84.7597



84.2092, 92.5357, 108.0306



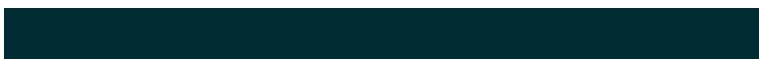
64.6354, 68.0263, 83.8536



14.6230, 15.9673, 18.4556



19.4824, 26.0270, 46.3800



1.4879, 2.0198, 3.4434

Inverse Universe

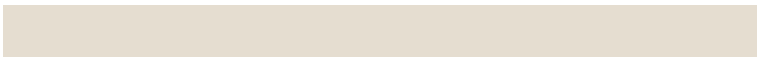
The Inverse Universe completely reimagines the original color for something new.



68.5980, 67.2621, 81.3226



86.1076, 83.1357, 102.7733



69.6351, 73.0847, 70.1121



14.9020, 14.5780, 17.6845



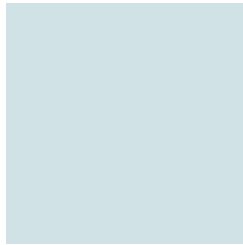
24.2273, 11.8252, 31.1558



1.8147, 0.8836, 2.4306

Previews

White Background



This preview shows how the XYZ color 67.3516, 73.4598, 84.7581 looks on a white background.

Color Contrast Check

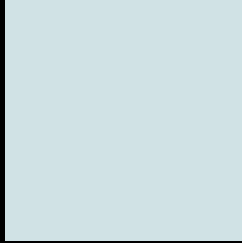
Large Text (above 18pt) WCAG AA × Fail

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 67.3516, 73.4598, 84.7581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

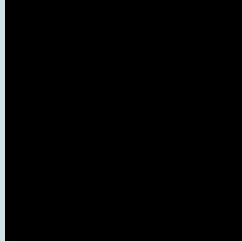
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

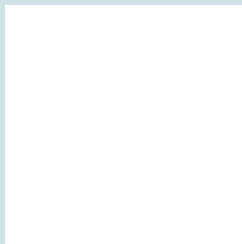
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3516, 73.4598, 84.7581

Background



This preview shows how black text looks on a background with the XYZ color 67.3516, 73.4598, 84.7581.

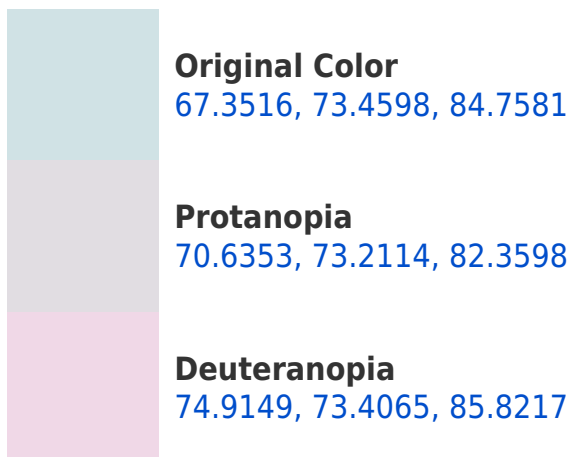


This preview shows how white text looks on a background with the XYZ color 67.3516, 73.4598,

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

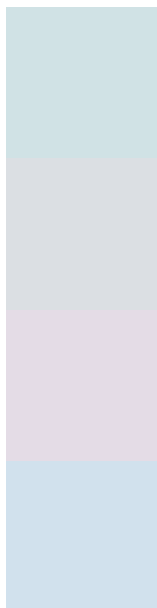




Tritanopia

69.2610, 73.4238, 94.5262

Trichromacy



Original Color

67.3516, 73.4598, 84.7581

Protanomaly

69.4662, 73.3815, 83.1758

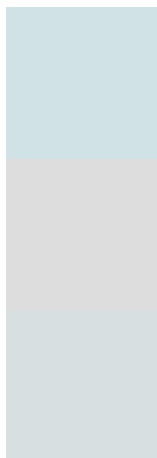
Deuteranomaly

71.8710, 73.3936, 85.2413

Tritanomaly

68.5058, 73.5202, 90.7009

Monochromacy



Original Color

67.3516, 73.4598, 84.7581

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.1611, 72.7561, 80.9719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3516, 73.4598, 84.7581 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(208, 226, 229) looks like.

```
.text, #text, p{  
    color:rgb(208, 226, 229)  
}
```

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(208, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 226, 229) }
```

Border

The CSS property to change the border of an element to XYZ 67.3516, 73.4598, 84.7581 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(208, 226, 229) }
```


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

```
.border{ border-color:rgb(208, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 226, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 226, 229);  
box-shadow:4px 4px 4px 4px rgb(208, 226,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3516, 73.4598, 84.7581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 226, 229) }
```

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

```
.background{ background-color: rgb(208,  
226, 229) }
```

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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