

Converting Colors

XYZ(65.1639, 70.2256, 83.8146)

Have a look what the booklet for
XYZ(65.1639, 70.2256, 83.8146)
contains.

XYZ(65.3136, 70.4362, 83.5519)	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(65.3136, 70.4362,
83.5519)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDDDE4
RGB	206, 221, 228
RGB Percent	81%, 87%, 89%
CMY	0.1922, 0.1333, 0.1059
CMYK	0.10, 0.03, 0.00, 0.11
HSL	199°, 29%, 85%
HSV	199°, 10%, 89%
XYZ	65.3136, 70.4362, 83.5519
YIQ	217.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

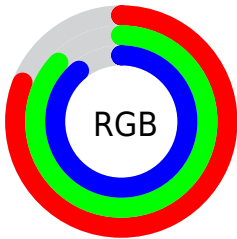
Format	Color
R _Y B	206, 215, 228
Decimal	13557220
CIE Lab	87.21, -3.65, -5.15
CIE LCh	87, 6.315, 234.702
Yxy	70.4362, 0.2978, 0.3212
Android (android.graphics.Color)	4291747300 (0xFFCEDDE4)
YUV	217.3130, 5.2687, -9.9215
Hunter-Lab	83.9263, -7.9577, -0.2771

Details

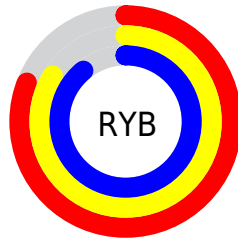
The XYZ color **65.3136, 70.4362, 83.5519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9299, 68.5380, 68.0951**, and the grayscale version is **66.1402, 69.5846, 75.7776**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1279, 36.9650, 44.8714** is the 20% darker color. If you saturate the color by 10%, you get **57.5646, 63.6623, 82.6539**, and if you desaturate by 10%, it is **74.0675, 77.8547, 84.5235**.

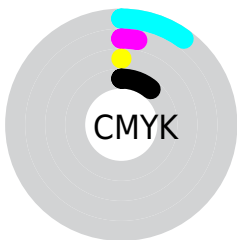
Distribution



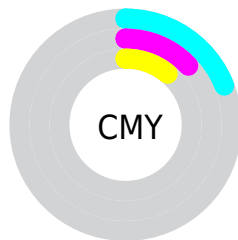
- Red (81%)
- Green (87%)
- Blue (89%)



- Red (81%)
- Yellow (84%)
- Blue (89%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3136, 70.4362, 83.5519 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 65.3136, 70.4362, 83.5519 by changing the saturation by 10% instead.

■ 65.3136, 70.4362,
83.5519

■ 65.3136, 70.4362,
83.5519

433.4455,
462.0801, 526.8431

■ 47.9811, 51.8822,
62.1023

111.5638,
119.8306, 140.2043

■ 34.0231, 36.9112,
44.6790

141.2122,
151.4398, 176.2442

■ 23.0743, 25.1387,
30.8636

175.6965,
188.1696, 217.9846

■ 14.7694, 16.1805,
20.2374

215.3822,
230.4042, 265.8440

■ 8.7429, 9.6519,
12.3819

260.6346,
278.5282, 320.2411

■ 4.6297, 5.1688,
6.8787

311.8190,

■ 2.0642, 2.3466,

332.9259, 381.5942

3.3090

369.3009,
393.9818, 450.3221

■ 0.6696, 0.7982,
1.2545

■ 0.0000, 0.0000,
0.0241

■ 65.3136, 70.4362,
83.5519

■ 65.3136, 70.4362,
83.5519

■ 57.5646, 63.6623,
82.6539

■ 74.0675, 77.8547,
84.5235

■ 50.7741, 57.5019,
81.8227

■ 83.8583, 85.9300,
85.5662

■ 44.9007, 51.9340,
81.0576

■ 87.2219, 90.8178,
86.3323

■ 39.8979, 46.9329,
80.3560

■ 89.4321, 95.2381,
87.0691

■ 35.7144, 42.4706,
79.7151

■ 91.0038, 98.3815,
87.5930

■ 32.2934, 38.5162,
79.1322

■ 29.5701, 35.0346,
78.6037

■ 27.4679, 31.9846,
78.1258

■ 25.8599, 29.2989,
77.6921

Harmonies

Analogous

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



64.3907, 70.4362, 80.1561



65.3136, 70.4362, 83.5519



66.6846, 70.4362, 85.1139

Triad

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



65.3136, 70.4362, 83.5519



69.8266, 70.4362, 77.4494



65.7631, 70.4362, 69.5118

Complementary

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



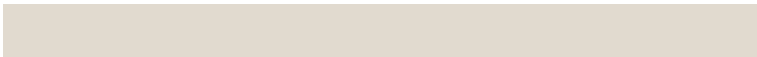
65.3136, 70.4362, 83.5519



66.9299, 68.5380, 68.0951

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.



67.2111, 70.4362, 68.8468



65.3136, 70.4362, 83.5519



69.5711, 70.4362, 73.3312

Square

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



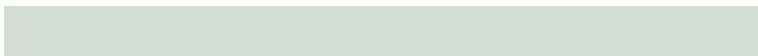
65.3136, 70.4362, 83.5519



69.3014, 70.4362, 81.5084



68.6084, 70.4362, 70.2202



64.6475, 70.4362, 72.0712

Rectangle

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



65.3136, 70.4362, 83.5519



67.6737, 70.4362, 84.8649



68.6084, 70.4362, 70.2202



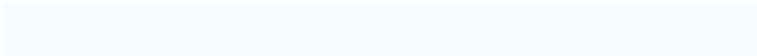
66.2265, 70.4362, 69.0634

Sweetspot

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



65.3156, 70.4392, 83.5535



91.5201, 97.0354, 108.5138



65.2041, 73.4121, 73.6630



19.3915, 20.6028, 23.2046



0.0000, 0.0000, 0.0000



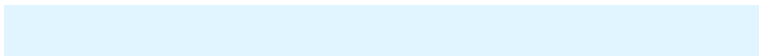
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3156, 70.4392, 83.5535



81.6483, 88.5988, 107.4057



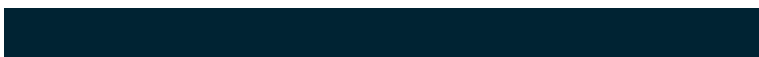
62.5131, 64.8340, 82.6193



14.4007, 15.5228, 18.3815



15.0131, 17.0882, 44.8903



1.1922, 1.4282, 3.3448

Inverse Universe

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



67.1189, 65.8583, 77.5846



84.5258, 81.3956, 97.8573



69.7832, 74.2447, 69.0462



14.7898, 14.5331, 17.0937



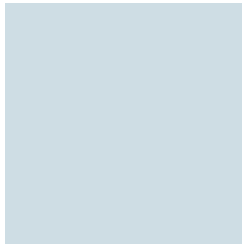
21.9714, 10.9228, 19.2763



1.6654, 0.8239, 1.6444

Previews

White Background



This preview shows how the XYZ color 65.3136, 70.4362, 83.5519 looks on a white background.

Color Contrast Check

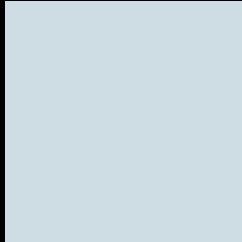
Large Text (above 18pt) WCAG AA × Fail

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 65.3136, 70.4362, 83.5519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

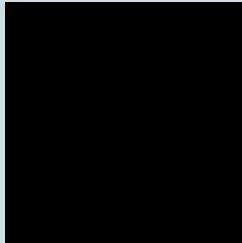
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

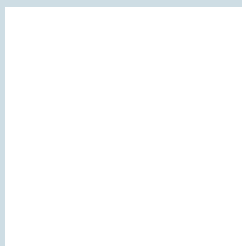
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3136, 70.4362, 83.5519

Background



This preview shows how black text looks on a background with the XYZ color 65.3136, 70.4362, 83.5519.



This preview shows how white text looks on a background with the XYZ color 65.3136, 70.4362,

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

65.3136, 70.4362, 83.5519

Protanopia

68.0555, 70.3323, 81.9401

Deuteranopia

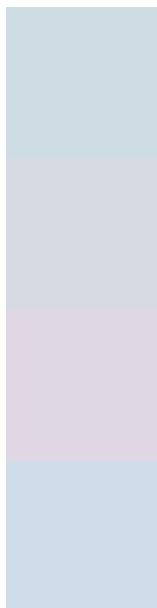
71.7581, 70.2926, 84.6487



Tritanopia

66.8917, 70.7107, 90.2437

Trichromacy



Original Color

65.3136, 70.4362, 83.5519

Protanomaly

66.9609, 70.1359, 82.6814

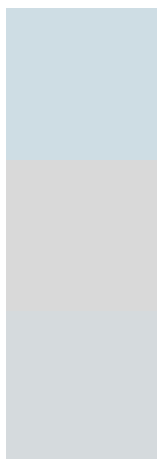
Deuteranomaly

69.1838, 70.1053, 84.0140

Tritanomaly

66.1766, 70.3923, 87.9411

Monochromacy



Original Color

65.3136, 70.4362, 83.5519

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.5631, 69.5094, 78.3677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3136, 70.4362, 83.5519 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(206, 221, 228) looks like.

```
.text, #text, p{  
    color:rgb(206, 221, 228)  
}
```

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(206, 221, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 221, 228) }
```

Border

The CSS property to change the border of an element to XYZ 65.3136, 70.4362, 83.5519 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(206, 221, 228) }
```


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

```
.border{ border-color:rgb(206, 221, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 221, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 221, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 221, 228);  
box-shadow:4px 4px 4px 4px rgb(206, 221,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3136, 70.4362, 83.5519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 221, 228) }
```

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

```
.background{ background-color: rgb(206,  
221, 228) }
```

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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