

Converting Colors

XYZ(65.6560, 72.4299, 85.0152)

Have a look what the booklet for
XYZ(65.6560, 72.4299, 85.0152)
contains.

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Color

**XYZ(65.8364, 72.6624,
85.4182)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE2E6
RGB	202, 226, 230
RGB Percent	79%, 89%, 90%
CMY	0.2078, 0.1137, 0.0980
CMYK	0.12, 0.02, 0.00, 0.10
HSL	189°, 36%, 85%
HSV	189°, 12%, 90%
XYZ	65.8364, 72.6624, 85.4182
YIQ	219.2800, -15.5880, -3.8440

Conversions

Conversions Part 2

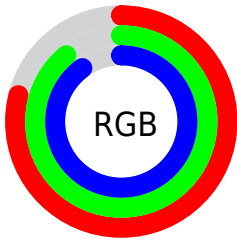
Format	Color
R _Y B	202, 215, 230
Decimal	13296358
CIE Lab	88.29, -7.11, -4.65
CIE LCh	88, 8.499, 213.185
Yxy	72.6624, 0.2940, 0.3245
Android (android.graphics.Color)	4291486438 (0xFFCAE2E6)
YUV	219.2800, 5.2850, -15.1546
Hunter-Lab	85.2422, -11.3104, 0.2572

Details

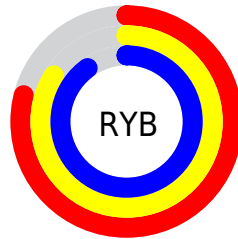
The XYZ color **65.8364, 72.6624, 85.4182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3656, 65.2297, 65.0239**, and the grayscale version is **67.5002, 71.0155, 77.3358**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5135, 38.5169, 46.1729** is the 20% darker color. If you saturate the color by 10%, you get **59.1874, 67.9239, 84.8552**, and if you desaturate by 10%, it is **73.4342, 77.9193, 86.0336**.

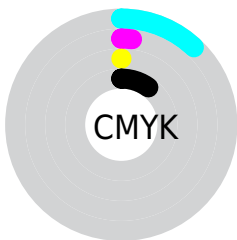
Distribution



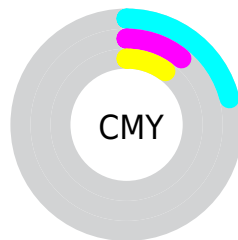
- Red (79%)
- Green (89%)
- Blue (90%)



- Red (79%)
- Yellow (84%)
- Blue (90%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8364, 72.6624, 85.4182 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 65.8364, 72.6624, 85.4182 by changing the saturation by 10% instead.

■ 65.8364, 72.6624,
85.4182

■ 65.8364, 72.6624,
85.4182

435.2894,
469.8439, 533.1915

■ 48.4068, 53.7000,
63.6348

112.3105,
122.9978, 142.8367

■ 34.3618, 38.3618,
45.9107

142.0858,
155.1396, 179.3089

■ 23.3359, 26.2636,
31.8272

176.7070,
192.4433, 221.5144

■ 14.9638, 17.0210,
20.9658

216.5395,
235.2932, 269.8719

■ 8.8801, 10.2494,
12.9080

261.9486,
284.0739, 324.7998

■ 4.7195, 5.5647,
7.2353

313.2997,

■ 2.1167, 2.5822,

339.1696, 386.7166

3.5290

370.9582,
400.9648, 456.0410

■ 0.6983, 0.9177,
1.3707

■ 0.0000, 0.0000,
0.1187

■ 65.8364, 72.6624,
85.4182

■ 65.8364, 72.6624,
85.4182

■ 59.1874, 67.9239,
84.8552

■ 73.4342, 77.9193,
86.0336

■ 53.4399, 63.6735,
84.3377

■ 82.0130, 83.7054,
86.6983

■ 48.5520, 59.8913,
83.8653

■ 85.4766, 86.8802,
87.1285

■ 44.4759, 56.5526,
83.4357

■ 86.4299, 88.7867,
87.4463

41.1590, 53.6301,
83.0464

87.4006, 90.7281,
87.7698

38.5426, 51.0934,
82.6946

88.3888, 92.7046,
88.0992

36.5590, 48.9074,
82.3773

89.3947, 94.7164,
88.4345

35.1267, 47.0300,
82.0904

90.4184, 96.7637,
88.7757

34.2881, 45.7231,
81.8823

91.2831, 98.4933,
89.0640

Harmonies

Analogous

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



65.2253, 72.6624, 79.7420



65.8364, 72.6624, 85.4182



67.3112, 72.6624, 89.5585

Triad

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



65.8364, 72.6624, 85.4182



72.6190, 72.6624, 84.2870



68.8460, 72.6624, 68.4351

Complementary

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



65.8364, 72.6624, 85.4182



65.3656, 65.2297, 65.0239

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.



70.8458, 72.6624, 69.5204



65.8364, 72.6624, 85.4182



73.0492, 72.6624, 78.4953

Square

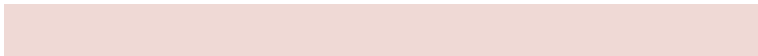
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8364, 72.6624, 85.4182



71.2299, 72.6624, 88.8831



72.3942, 72.6624, 73.1336



66.9413, 72.6624, 70.0938

Rectangle

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



65.8364, 72.6624, 85.4182



68.5996, 72.6624, 90.7884



72.3942, 72.6624, 73.1336



69.5294, 72.6624, 68.4914

Sweetspot

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



65.8385, 72.6654, 85.4198



90.9337, 97.1911, 108.5748



63.7634, 73.5947, 69.0686



19.3027, 20.6924, 23.2266



0.0000, 0.0000, 0.0000



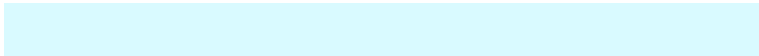
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8385, 72.6654, 85.4198



80.6339, 90.0191, 107.7333



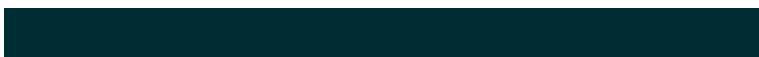
62.2515, 65.4915, 84.2242



14.6229, 15.9672, 18.4556



19.4807, 26.0236, 46.3795



1.4878, 2.0196, 3.4434

Inverse Universe

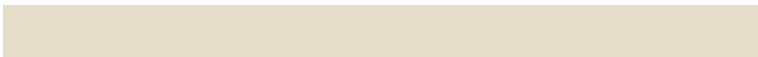
The Inverse Universe completely reimagines the original color for something new.



67.4828, 64.5566, 80.8589



83.1717, 77.6302, 100.6653



68.8183, 72.1351, 66.1748



14.9020, 14.5780, 17.6843



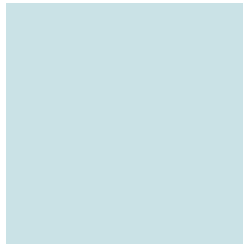
24.2265, 11.8248, 31.1513



1.8146, 0.8836, 2.4303

Previews

White Background



This preview shows how the XYZ color 65.8364, 72.6624, 85.4182 looks on a white background.

Color Contrast Check

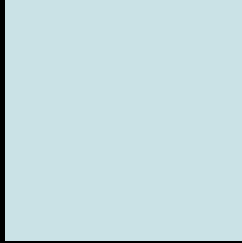
Large Text (above 18pt) WCAG AA × Fail

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 65.8364, 72.6624, 85.4182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

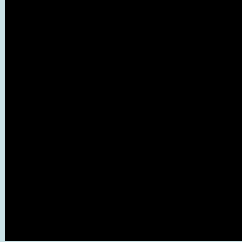
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

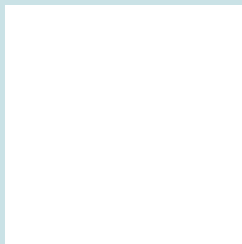
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8364, 72.6624, 85.4182

Background



This preview shows how black text looks on a background with the XYZ color 65.8364, 72.6624, 85.4182.

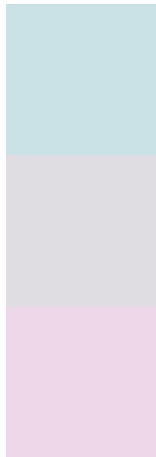


This preview shows how white text looks on a background with the XYZ color 65.8364, 72.6624,

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

65.8364, 72.6624, 85.4182

Protanopia

69.7521, 72.3654, 82.2431

Deuteranopia

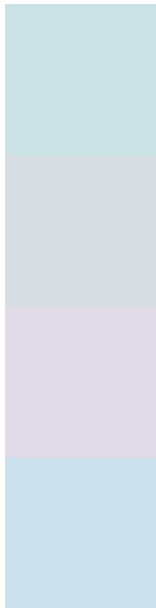
74.1258, 72.6042, 86.4511



Tritanopia

67.5845, 72.5595, 94.4477

Trichromacy



Original Color

65.8364, 72.6624, 85.4182

Protanomaly

68.0107, 72.2357, 83.0314

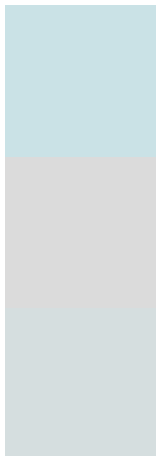
Deuteranomaly

70.8067, 72.4401, 85.8517

Tritanomaly

66.9864, 72.7200, 91.3947

Monochromacy



Original Color

65.8364, 72.6624, 85.4182

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.8811, 71.7164, 80.1297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8364, 72.6624, 85.4182 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(202, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(202, 226, 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(202, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 226, 230) }
```

Border

The CSS property to change the border of an element to XYZ 65.8364, 72.6624, 85.4182 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(202, 226, 230) }
```


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

```
.border{ border-color:rgb(202, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(202, 226,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8364, 72.6624, 85.4182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 226, 230) }
```

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

```
.background{ background-color: rgb(202,  
226, 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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