

Converting Colors

XYZ(65.0472, 71.2124, 84.8123)

Have a look what the booklet for
XYZ(65.0472, 71.2124, 84.8123)
contains.

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Color

**XYZ(65.0277, 71.0451,
85.1487)**

Conversions

Conversions Part 1

Format	Color
Hex	CADFE6
RGB	202, 223, 230
RGB Percent	79%, 87%, 90%
CMY	0.2078, 0.1255, 0.0980
CMYK	0.12, 0.03, 0.00, 0.10
HSL	195°, 36%, 85%
HSV	195°, 12%, 90%
XYZ	65.0277, 71.0451, 85.1487
YIQ	217.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

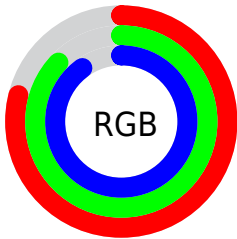
Format	Color
R _Y B	202, 214, 230
Decimal	13295590
CIE Lab	87.51, -5.57, -5.80
CIE LCh	88, 8.044, 226.158
Yxy	71.0451, 0.2939, 0.3211
Android (android.graphics.Color)	4291485670 (0xFFCADFE6)
YUV	217.5190, 6.1531, -13.6102
Hunter-Lab	84.2883, -9.7932, -0.8935

Details

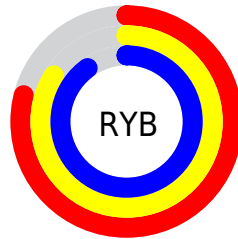
The XYZ color **65.0277, 71.0451, 85.1487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0946, 66.6878, 65.2667**, and the grayscale version is **66.2775, 69.7291, 75.9350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9532, 37.3963, 45.9861** is the 20% darker color. If you saturate the color by 10%, you get **57.7533, 65.0558, 84.3772**, and if you desaturate by 10%, it is **73.2859, 77.6228, 85.9842**.

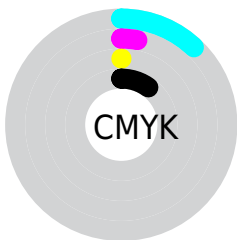
Distribution



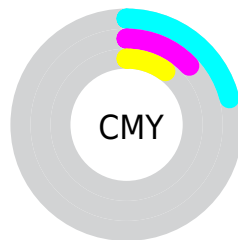
- Red (79%)
- Green (87%)
- Blue (90%)



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



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0277, 71.0451, 85.1487 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 65.0277, 71.0451, 85.1487 by changing the saturation by 10% instead.

■ 65.0277, 71.0451,
85.1487

■ 65.0277, 71.0451,
85.1487

432.4351,
464.2111, 532.2774

■ 47.7483, 52.3790,
63.4134

111.1552,
120.6979, 142.4569

■ 33.8380, 37.3073,
45.7326

140.7340,
152.4535, 178.8669

■ 22.9315, 25.4455,
31.6877

175.1433,
189.3409, 221.0056

■ 14.6634, 16.4093,
20.8602

214.7485,
231.7447, 269.2914

■ 8.6682, 9.8142,
12.8316

259.9149,
280.0492, 324.1430

■ 4.5808, 5.2760,
7.1833

311.0079,

■ 2.0357, 2.4101,

334.6389, 385.9788

3.4968

368.3929,
395.8980, 455.2174

■ 0.6539, 0.8311,
1.3536

■ 0.0000, 0.0000,
0.1051

■ 65.0277, 71.0451,
85.1487

■ 65.0277, 71.0451,
85.1487

■ 57.7533, 65.0558,
84.3772

■ 73.2859, 77.6228,
85.9842

■ 51.4150, 59.6238,
83.6628

■ 82.5606, 84.8006,
86.8808

■ 45.9705, 54.7285,
83.0048

■ 86.7560, 89.4389,
87.5550

■ 41.3716, 50.3441,
82.4009

■ 88.4772, 92.8813,
88.1287

■ 37.5653, 46.4427,
81.8485

■ 90.2525, 96.4319,
88.7205

■ 34.4923, 42.9927,
81.3446

■ 91.2831, 98.4933,
89.0640

■ 32.0845, 39.9584,
80.8858

■ 30.2599, 37.2965,
80.4682

■ 29.1364, 35.4198,
80.1651

Harmonies

Analogous

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



64.0784, 71.0451, 80.3038



65.0277, 71.0451, 85.1487



66.6562, 71.0451, 87.9638

Triad

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



65.0277, 71.0451, 85.1487



71.1351, 71.0451, 79.8858



66.5149, 71.0451, 67.7374

Complementary

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



65.0277, 71.0451, 85.1487



66.0946, 66.6878, 65.2667

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.



68.4039, 71.0451, 67.6373



65.0277, 71.0451, 85.1487



71.0956, 71.0451, 74.4813

Square

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



65.0277, 71.0451, 85.1487



70.1950, 71.0451, 84.8304



70.0880, 71.0451, 70.0539



64.9259, 71.0451, 70.3342

Rectangle

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



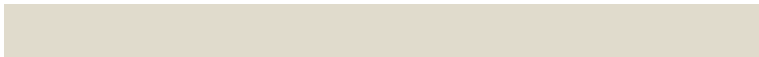
65.0277, 71.0451, 85.1487



67.9188, 71.0451, 88.2293



70.0880, 71.0451, 70.0539



67.1352, 71.0451, 67.4150

Sweetspot

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



65.0298, 71.0481, 85.1503



90.5887, 96.5011, 108.4598



64.1060, 73.7318, 70.8732



19.2151, 20.5173, 23.1974



0.0000, 0.0000, 0.0000



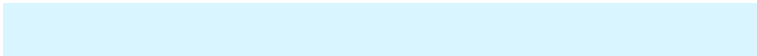
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0298, 71.0481, 85.1503



79.3773, 87.5060, 107.3145



61.5563, 64.1012, 83.9925



14.4865, 15.6944, 18.4101



16.5969, 20.2559, 45.4182



1.2989, 1.6417, 3.3804

Inverse Universe

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



67.0745, 64.3932, 78.7094



82.5375, 77.3765, 97.3254



69.5581, 73.6148, 66.4212



14.8331, 14.5504, 17.3217



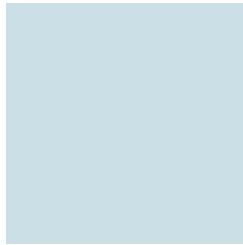
22.7709, 11.2426, 23.4861



1.7192, 0.8454, 1.9280

Previews

White Background



This preview shows how the XYZ color 65.0277, 71.0451, 85.1487 looks on a white background.

Color Contrast Check

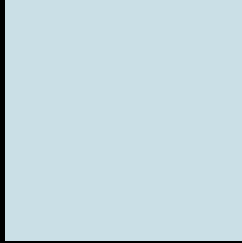
Large Text (above 18pt) WCAG AA × Fail

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 65.0277, 71.0451, 85.1487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

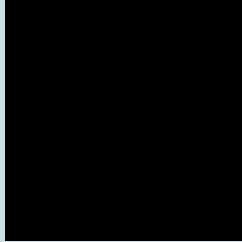
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

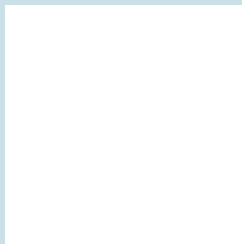
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0277, 71.0451, 85.1487

Background



This preview shows how black text looks on a background with the XYZ color 65.0277, 71.0451, 85.1487.

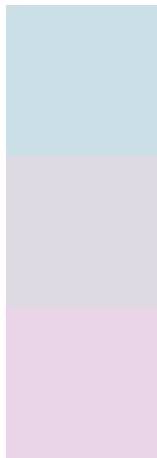


This preview shows how white text looks on a background with the XYZ color 65.0277, 71.0451,

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

65.0277, 71.0451, 85.1487

Protanopia

68.7553, 71.0610, 82.7654

Deuteranopia

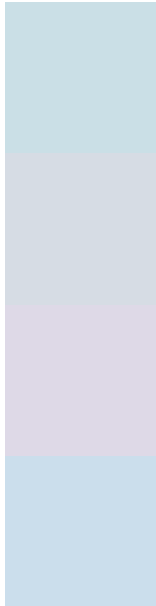
72.2914, 70.9071, 86.2202



Tritanopia

66.6031, 71.3119, 91.9156

Trichromacy



Original Color

65.0277, 71.0451, 85.1487

Protanomaly

67.3283, 71.0840, 83.5708

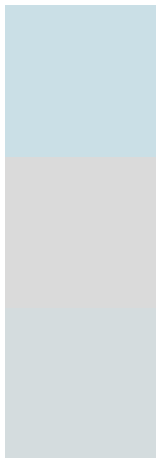
Deuteranomaly

69.3609, 70.9248, 85.6355

Tritanomaly

65.8902, 70.9952, 89.5875

Monochromacy



Original Color

65.0277, 71.0451, 85.1487

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.9294, 70.4574, 79.2320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0277, 71.0451, 85.1487 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, 223, 230)` looks like.

```
.text, #text, p{  
    color:rgb(202, 223, 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, 223, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 223, 230) }
```

Border

The CSS property to change the border of an element to XYZ 65.0277, 71.0451, 85.1487 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, 223, 230) }
```


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

```
.border{ border-color:rgb(202, 223, 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, 223, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 223, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 223, 230);  
box-shadow:4px 4px 4px 4px rgb(202, 223,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0277, 71.0451, 85.1487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 223, 230) }
```

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

```
.background{ background-color: rgb(202,  
223, 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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