

Converting Colors

XYZ(63.0971, 74.8016, 85.5800)

Have a look what the booklet for
XYZ(63.0971, 74.8016, 85.5800)
contains.

XYZ(63.1426, 75.0189, 85.2809)	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(63.1426, 75.0189,
85.2809)**

Conversions

Conversions Part 1

Format	Color
Hex	B6EBE5
RGB	182, 235, 229
RGB Percent	71%, 92%, 90%
CMY	0.2863, 0.0784, 0.1020
CMYK	0.23, 0.00, 0.03, 0.08
HSL	173°, 57%, 82%
HSV	173°, 23%, 92%
XYZ	63.1426, 75.0189, 85.2809
YIQ	218.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

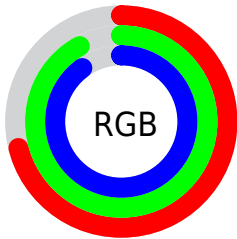
Format	Color
R_{YB}	182, 210, 235
Decimal	11987941
CIE _{Lab}	89.40, -18.04, -2.63
CIE _{LCh}	89, 18.230, 188.295
Yxy	75.0189, 0.2826, 0.3357
Android (android.graphics.Color)	4290178021 (0xFFB6EBE5)
YUV	218.4690, 5.1918, -31.9833
Hunter-Lab	86.6135, -21.4442, 2.2516

Details

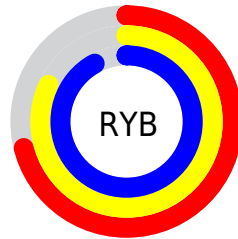
The XYZ color **63.1426, 75.0189, 85.2809** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.0686, 54.7510, 54.9821**, and the grayscale version is **66.9460, 70.4324, 76.7009**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **32.6622, 39.8854, 46.0216** is the 20% darker color. If you saturate the color by 10%, you get **57.6834, 72.2491, 83.1016**, and if you desaturate by 10%, it is **69.5432, 78.2772, 87.5371**.

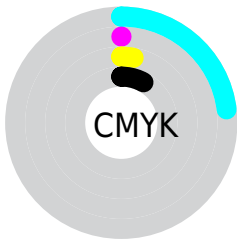
Distribution



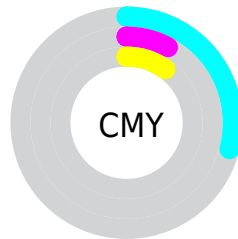
- Red (71%)
- Green (92%)
- Blue (90%)



- Red (71%)
- Yellow (82%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1426, 75.0189, 85.2809 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 63.1426, 75.0189, 85.2809 by changing the saturation by 10% instead.

63.1426, 75.0189,
85.2809

63.1426, 75.0189,
85.2809

425.7383,
477.9825, 532.7259

46.2157, 55.6284,
63.5220

108.4559,
126.3391, 142.6432

32.6214, 39.9050,
45.8199

137.5729,
159.0376, 179.0837

21.9944, 27.4645,
31.7561

171.4840,
196.9408, 221.2552

13.9694, 17.9224,
20.9120

210.5546,
240.4333, 269.5762

8.1809, 10.8943,
12.8691

255.1499,
289.8993, 324.4652

4.2637, 5.9958,
7.2088

305.6354,

1.8524, 2.8425,

345.7232, 386.3408

3.5126

362.3764,
408.2895, 455.6215

■ 0.5489, 1.0501,
1.3620

■ 0.0000, 0.0000,
0.1118

■ 63.1426, 75.0189,
85.2809

■ 63.1426, 75.0189,
85.2809

■ 57.6834, 72.2491,
83.1016

■ 69.5432, 78.2772,
87.5371

■ 53.1126, 69.9348,
80.9920

■ 76.9219, 82.0371,
89.8675

■ 49.3818, 68.0528,
78.9511

■ 85.3214, 86.3226,
92.2755

■ 46.4357, 66.5747,
76.9764

■ 86.6256, 86.9497,
94.3817

■ 44.2118, 65.4682,
75.0646

■ 87.0233, 87.1088,
96.4757

■ 42.6384, 64.6965,
73.2124

■ 87.4268, 87.2702,
98.6004

■ 41.6289, 64.2148,
71.4155

■ 87.8361, 87.4339,
100.7558

■ 41.1427, 63.9926,
70.1086

■ 88.2513, 87.6000,
102.9422

■ 88.6724, 87.7684,
105.1596

Harmonies

Analogous

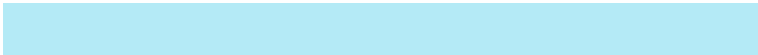
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.6222, 75.0189, 72.9251



63.1426, 75.0189, 85.2809



64.7768, 75.0189, 97.8830

Triad

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



63.1426, 75.0189, 85.2809



76.7557, 75.0189, 102.5339



74.5248, 75.0189, 60.9065

Complementary

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



63.1426, 75.0189, 85.2809



60.0686, 54.7510, 54.9821

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.



78.2539, 75.0189, 67.3766



63.1426, 75.0189, 85.2809



79.5789, 75.0189, 91.1151

Square

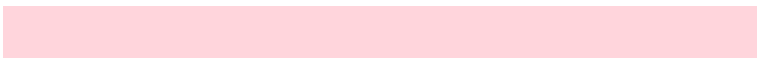
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.1426, 75.0189, 85.2809



72.5487, 75.0189, 108.5017



80.1383, 75.0189, 78.1874



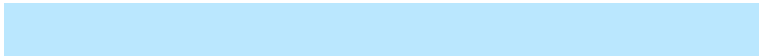
70.0720, 75.0189, 59.6931

Rectangle

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



63.1426, 75.0189, 85.2809



66.8868, 75.0189, 104.4316



80.1383, 75.0189, 78.1874



75.9098, 75.0189, 62.5036

Sweetspot

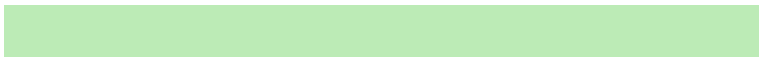
The Sweet Spot groups the original color and five complimentary colors.



63.1448, 75.0220, 85.2826



88.4613, 96.6408, 106.9015



58.9383, 73.5119, 55.3401



18.8188, 20.6262, 22.8449



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.



63.1448, 75.0220, 85.2826



72.8659, 88.7058, 101.4408



58.5089, 64.3855, 87.9447



15.4399, 17.0908, 18.9994



22.9270, 35.6252, 39.1759



1.8213, 2.8058, 3.1865

Inverse Universe

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



60.0686, 54.7510, 54.9821



68.5623, 60.3337, 59.0402



63.9019, 63.4319, 53.1329



15.1348, 15.0818, 15.9953



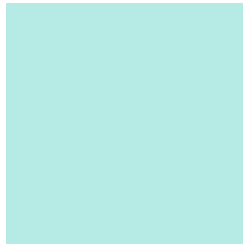
19.1986, 9.8821, 1.5812



1.5305, 0.7852, 0.2450

Previews

White Background



This preview shows how the XYZ color 63.1426, 75.0189, 85.2809 looks on a white background.

Color Contrast Check

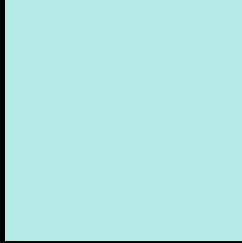
Large Text (above 18pt) WCAG AA × Fail

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 63.1426, 75.0189, 85.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

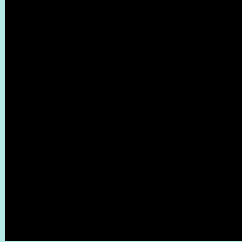
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

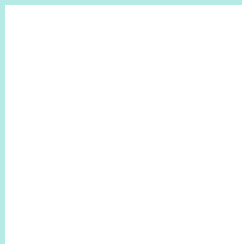
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.1426, 75.0189, 85.2809

Background



This preview shows how black text looks on a background with the XYZ color 63.1426, 75.0189, 85.2809.



This preview shows how white text looks on a background with the XYZ color 63.1426, 75.0189,

85.2809.

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

63.1426, 75.0189, 85.2809

Protanopia

71.5674, 74.5433, 79.7235

Deuteranopia

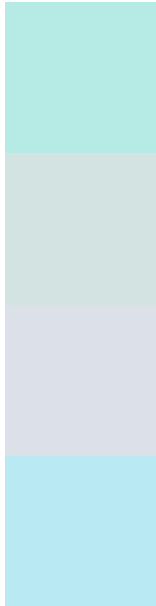
76.1388, 74.3861, 87.4358



Tritanopia

66.3616, 75.0545, 101.4318

Trichromacy



Original Color

63.1426, 75.0189, 85.2809

Protanomaly

67.9237, 74.2233, 81.9807

Deuteranomaly

70.7363, 74.3531, 86.9673

Tritanomaly

65.1735, 75.0029, 95.0464

Monochromacy



Original Color

63.1426, 75.0189, 85.2809

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.0173, 71.5644, 79.4938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1426, 75.0189, 85.2809 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(182, 235, 229)` looks like.

```
.text, #text, p{  
    color:rgb(182, 235, 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(182, 235, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 235, 229) }
```

Border

The CSS property to change the border of an element to XYZ 63.1426, 75.0189, 85.2809 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(182, 235, 229) }
```


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

```
.border{ border-color:rgb(182, 235, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 235, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 235, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 235, 229);  
box-shadow:4px 4px 4px 4px rgb(182, 235,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1426, 75.0189, 85.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 235, 229) }
```

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

```
.background{ background-color: rgb(182,  
235, 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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