

Converting Colors

XYZ(60.3226, 65.4318, 87.7017)

Have a look what the booklet for
XYZ(60.3226, 65.4318, 87.7017)
contains.

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Color

**XYZ(60.2821, 65.4179,
88.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD7EB
RGB	189, 215, 235
RGB Percent	74%, 84%, 92%
CMY	0.2588, 0.1568, 0.0784
CMYK	0.20, 0.09, 0.00, 0.08
HSL	206°, 53%, 83%
HSV	206°, 20%, 92%
XYZ	60.2821, 65.4179, 88.0470
YIQ	209.5060, -21.9160, 0.7080

Conversions

Conversions Part 2

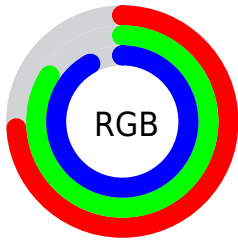
Format	Color
RYB	189, 206, 235
Decimal	12441579
CIELab	84.70, -4.46, -12.71
CIElCh	85, 13.470, 250.679
Yxy	65.4179, 0.2820, 0.3061
Android (android.graphics.Color)	4290631659 (0xFFBDD7EB)
YUV	209.5060, 12.5685, -17.9838
Hunter-Lab	80.8813, -8.5035, -7.9259

Details

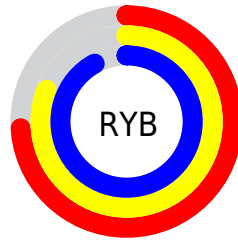
The XYZ color **60.2821, 65.4179, 88.0470** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2473, 66.9372, 57.5740**, and the grayscale version is **60.8671, 64.0369, 69.7362**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.6992, 33.5472, 47.5051** is the 20% darker color. If you saturate the color by 10%, you get **52.3981, 57.6131, 86.9571**, and if you desaturate by 10%, it is **69.2770, 74.0399, 89.2382**.

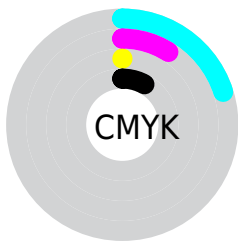
Distribution



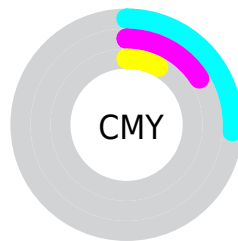
- Red (74%)
- Green (84%)
- Blue (92%)



- Red (74%)
- Yellow (81%)
- Blue (92%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (26%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2821, 65.4179, 88.0470 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 60.2821, 65.4179, 88.0470 by changing the saturation by 10% instead.

■ 60.2821, 65.4179,
88.0470

■ 60.2821, 65.4179,
88.0470

415.4549,
444.2922, 542.0624

■ 43.8964, 47.8000,
65.7974

■ 104.3428,
112.6505, 146.5343

■ 30.7866, 33.6685,
47.6525

132.7485,
143.0339, 183.6091

■ 20.5874, 22.6391,
33.1938

165.8916,
178.4414, 226.4628

■ 12.9335, 14.3272,
22.0026

204.1374,
219.2572, 275.5138

■ 7.4595, 8.3486,
13.6605

247.8512,
265.8658, 331.1807

■ 3.7999, 4.3188,
7.7489

297.3985,

■ 1.5896, 1.8535,

318.6516, 393.8821

3.8492

353.1446,
377.9989, 464.0365

■ 0.3856, 0.5202,
1.5430

■ 0.0000, 0.0000,
0.2496

■ 60.2821, 65.4179,
88.0470

■ 60.2821, 65.4179,
88.0470

■ 52.3981, 57.6131,
86.9571

■ 69.2770, 74.0399,
89.2382

■ 45.5707, 50.5881,
85.9610

■ 79.4221, 83.4986,
90.5292

■ 39.7498, 44.3143,
85.0568

■ 89.0858, 92.9587,
91.8458

■ 34.8783, 38.7576,
84.2410

■ 91.9956, 98.7782,
92.8158

■ 30.8930, 33.8807,
83.5098

■ 27.7221, 29.6417,
82.8587

■ 25.2809, 25.9917,
82.2828

■ 23.4335, 22.8555,
81.7748

■ 23.3614, 22.7298,
81.7544

Harmonies

Analogous

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



57.8903, 65.4179, 82.5908



60.2821, 65.4179, 88.0470



63.2566, 65.4179, 88.7938

Triad

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



60.2821, 65.4179, 88.0470



68.0414, 65.4179, 68.2008



58.4804, 65.4179, 59.3816

Complementary

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



60.2821, 65.4179, 88.0470



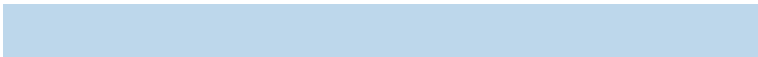
66.2473, 66.9372, 57.5740

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.



61.1112, 65.4179, 56.1482



60.2821, 65.4179, 88.0470



66.6719, 65.4179, 60.9601

Square

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



60.2821, 65.4179, 88.0470



67.8020, 65.4179, 76.8561



64.1127, 65.4179, 56.7017



56.8735, 65.4179, 65.8834

Rectangle

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



60.2821, 65.4179, 88.0470



65.1783, 65.4179, 86.4595



64.1127, 65.4179, 56.7017



59.2707, 65.4179, 57.9011

Sweetspot

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



60.2841, 65.4206, 88.0485



87.5581, 93.0423, 107.9519



62.1962, 74.8368, 71.4465



18.5731, 19.7576, 23.0846



0.0000, 0.0000, 0.0000



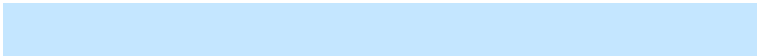
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2841, 65.4206, 88.0485



69.0649, 75.3204, 105.5059



54.8472, 54.5469, 86.2362



14.9378, 15.9620, 19.2159



13.1308, 12.9086, 45.5425



1.1265, 1.2044, 3.6080

Inverse Universe

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



64.7259, 58.9651, 72.2631



75.2723, 66.5833, 83.3825



72.2853, 79.0132, 59.5867



15.4221, 15.1967, 17.5083



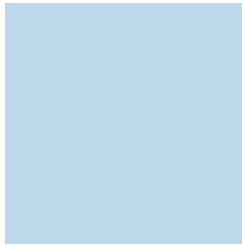
21.4831, 10.7959, 13.6114



1.7351, 0.8670, 1.3224

Previews

White Background



This preview shows how the XYZ color 60.2821, 65.4179, 88.0470 looks on a white background.

Color Contrast Check

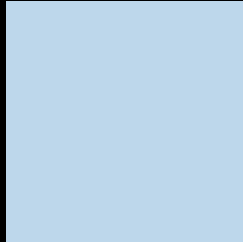
Large Text (above 18pt) WCAG AA × Fail

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 60.2821, 65.4179, 88.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

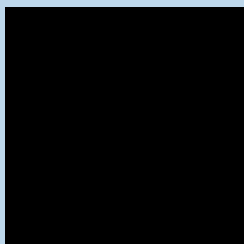
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

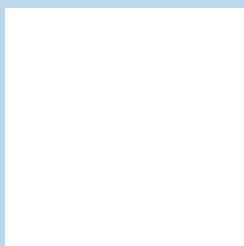
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2821, 65.4179, 88.0470

Background



This preview shows how black text looks on a background with the XYZ color 60.2821, 65.4179, 88.0470.



This preview shows how white text looks on a background with the XYZ color 60.2821, 65.4179,

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

60.2821, 65.4179, 88.0470

Protanopia

63.9066, 65.4747, 85.6136

Deuteranopia

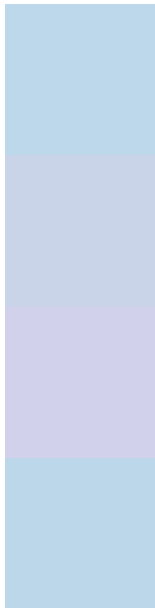
66.8726, 65.4727, 89.2337



Tritanopia

59.9947, 65.3029, 86.5335

Trichromacy



Original Color

60.2821, 65.4179, 88.0470

Protanomaly

62.6086, 65.5267, 86.4389

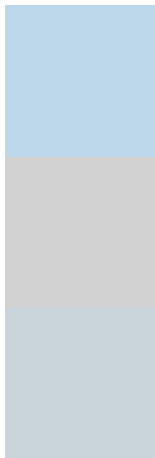
Deuteranomaly

64.2353, 65.2124, 88.5586

Tritanomaly

60.1380, 65.3602, 87.2881

Monochromacy



Original Color

60.2821, 65.4179, 88.0470

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.6868, 64.7580, 76.3188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2821, 65.4179, 88.0470 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(189, 215, 235)` looks like.

```
.text, #text, p{  
    color:rgb(189, 215, 235)  
}
```

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(189, 215, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 215, 235) }
```

Border

The CSS property to change the border of an element to XYZ 60.2821, 65.4179, 88.0470 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(189, 215, 235) }
```


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

```
.border{ border-color:rgb(189, 215, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 215, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 215, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 215, 235);  
box-shadow:4px 4px 4px 4px rgb(189, 215,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2821, 65.4179, 88.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 215, 235) }
```

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

```
.background{ background-color: rgb(189,  
215, 235) }
```

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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