

Converting Colors

XYZ(60.0153, 66.9789, 85.5092)

Have a look what the booklet for
XYZ(60.0153, 66.9789, 85.5092)
contains.

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Color

**XYZ(60.0050, 66.8717,
85.3462)**

Conversions

Conversions Part 1

Format	Color
Hex	BADBE7
RGB	186, 219, 231
RGB Percent	73%, 86%, 91%
CMY	0.2706, 0.1412, 0.0941
CMYK	0.19, 0.05, 0.00, 0.09
HSL	196°, 48%, 82%
HSV	196°, 19%, 91%
XYZ	60.0050, 66.8717, 85.3462
YIQ	210.5010, -23.5200, -3.2640

Conversions

Conversions Part 2

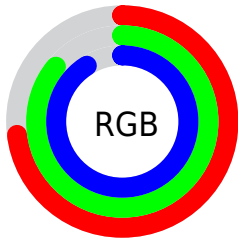
Format	Color
R _Y B	186, 205, 231
Decimal	12245991
CIE Lab	85.44, -8.31, -9.51
CIE LCh	85, 12.627, 228.859
Yxy	66.8717, 0.2827, 0.3151
Android (android.graphics.Color)	4290436071 (0xFFBADBE7)
YUV	210.5010, 10.1060, -21.4874
Hunter-Lab	81.7751, -12.1266, -4.6366

Details

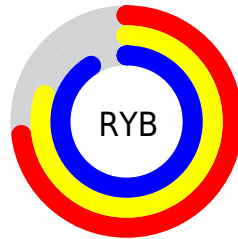
The XYZ color **60.0050, 66.8717, 85.3462** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.0125, 60.9222, 54.9464**, and the grayscale version is **61.5361, 64.7408, 70.5027**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.5290, 34.5516, 45.6175** is the 20% darker color. If you saturate the color by 10%, you get **53.2638, 61.0569, 84.5802**, and if you desaturate by 10%, it is **67.7168, 73.2785, 86.1775**.

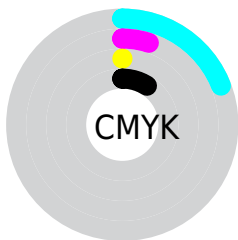
Distribution



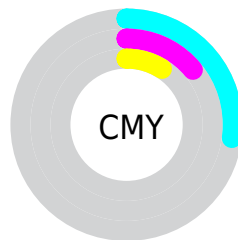
- Red (73%)
- Green (86%)
- Blue (91%)



- Red (73%)
- Yellow (80%)
- Blue (91%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0050, 66.8717, 85.3462 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 60.0050, 66.8717, 85.3462 by changing the saturation by 10% instead.

■ 60.0050, 66.8717,
85.3462

■ 60.0050, 66.8717,
85.3462

414.4506,
449.4880, 532.9474

■ 43.6721, 48.9804,
63.5757

■ 103.9432,
114.7366, 142.7352

■ 30.6096, 34.6039,
45.8631

132.2793,
145.4789, 179.1908

■ 20.4522, 23.3579,
31.7899

165.3472,
181.2736, 221.3785

■ 12.8343, 14.8580,
20.9376

203.5122,
222.5052, 269.7168

■ 7.3908, 8.7198,
12.8876

247.1396,
269.5581, 324.6243

■ 3.7562, 4.5589,
7.2214

296.5950,

■ 1.5651, 1.9908,

322.8165, 386.5196

3.5204

352.2435,
382.6650, 455.8211

■ 0.3695, 0.6021,
1.3661

■ 0.0000, 0.0000,
0.1151

■ 60.0050, 66.8717,
85.3462

■ 60.0050, 66.8717,
85.3462

■ 53.2638, 61.0569,
84.5802

■ 67.7168, 73.2785,
86.1775

■ 47.4431, 55.8023,
83.8728

■ 76.4345, 80.2914,
87.0716

■ 42.4972, 51.0850,
83.2229

■ 86.0874, 87.8764,
88.0269

■ 38.3737, 46.8770,
82.6280

■ 87.9061, 91.5137,
88.6331

■ 35.0147, 43.1476,
82.0852

■ 89.7866, 95.2748,
89.2600

■ 32.3538, 39.8614,
81.5911

■ 91.4240, 98.5496,
89.8058

■ 30.3127, 36.9771,
81.1420

■ 28.7644, 34.4281,
80.7316

■ 28.6896, 34.3007,
80.7110

Harmonies

Analogous

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



58.4896, 66.8717, 78.0295



60.0050, 66.8717, 85.3462



62.5014, 66.8717, 89.4075

Triad

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



60.0050, 66.8717, 85.3462



69.1170, 66.8717, 75.9020



61.7961, 66.8717, 58.8842

Complementary

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



60.0050, 66.8717, 85.3462



62.0125, 60.9222, 54.9464

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.



64.6295, 66.8717, 58.4086



60.0050, 66.8717, 85.3462



68.9143, 66.8717, 67.8323

Square

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



60.0050, 66.8717, 85.3462



67.7974, 66.8717, 83.6884



67.2518, 66.8717, 61.5692



59.5020, 66.8717, 62.9211

Rectangle

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



60.0050, 66.8717, 85.3462



64.4114, 66.8717, 89.5326



67.2518, 66.8717, 61.5692



62.7153, 66.8717, 58.3145

Sweetspot

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



60.0070, 66.8744, 85.3477



88.3559, 94.6378, 108.2178



58.9335, 71.6348, 63.6956



18.7619, 20.1351, 23.1476



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.



60.0070, 66.8744, 85.3477



71.8793, 80.9491, 106.4440



54.6978, 56.2561, 83.5780



14.4654, 15.6521, 18.4031



16.1907, 19.4434, 45.2828



1.2717, 1.5874, 3.3713

Inverse Universe

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



63.3016, 57.2226, 74.7297



76.6928, 67.1515, 90.8629



67.3467, 71.5905, 56.7244



14.8225, 14.5462, 17.2656



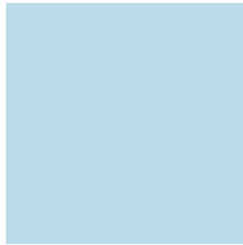
22.5658, 11.1605, 22.4063



1.7055, 0.8399, 1.8559

Previews

White Background



This preview shows how the XYZ color 60.0050, 66.8717, 85.3462 looks on a white background.

Color Contrast Check

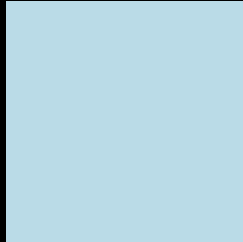
Large Text (above 18pt) WCAG AA × Fail

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 60.0050, 66.8717, 85.3462 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

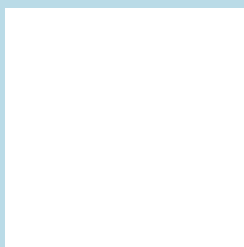
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0050, 66.8717, 85.3462

Background



This preview shows how black text looks on a background with the XYZ color 60.0050, 66.8717, 85.3462.



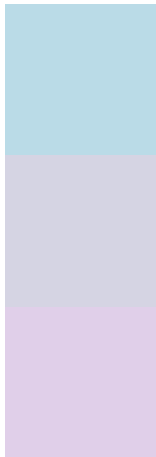
This preview shows how white text looks on a background with the XYZ color 60.0050, 66.8717,

85.3462.

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

60.0050, 66.8717, 85.3462

Protanopia

64.8492, 66.7792, 82.1448

Deuteranopia

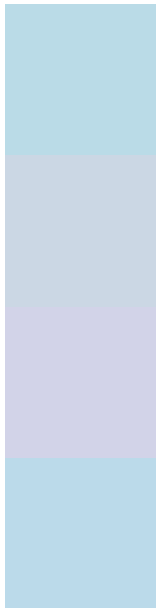
67.7613, 66.3561, 86.3274



Tritanopia

60.7052, 66.7637, 89.0441

Trichromacy



Original Color

60.0050, 66.8717, 85.3462

Protanomaly

62.9326, 66.8988, 82.9946

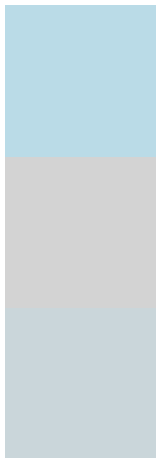
Deuteranomaly

64.4381, 66.1164, 85.7094

Tritanomaly

60.4162, 66.6481, 87.5220

Monochromacy



Original Color

60.0050, 66.8717, 85.3462

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0586, 65.7116, 75.7952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0050, 66.8717, 85.3462 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(186, 219, 231)` looks like.

```
.text, #text, p{  
    color:rgb(186, 219, 231)  
}
```

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(186, 219, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 219, 231) }
```

Border

The CSS property to change the border of an element to XYZ 60.0050, 66.8717, 85.3462 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(186, 219, 231) }
```


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

```
.border{ border-color:rgb(186, 219, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 219, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 219, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 219, 231);  
box-shadow:4px 4px 4px 4px rgb(186, 219,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0050, 66.8717, 85.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 219, 231) }
```

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

```
.background{ background-color: rgb(186,  
219, 231) }
```

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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