

Converting Colors

XYZ(60.4545, 65.9653, 85.9275)

Have a look what the booklet for
XYZ(60.4545, 65.9653, 85.9275)
contains.

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Color

**XYZ(60.3566, 65.8851,
85.8799)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BED8E8</code>
RGB	190, 216, 232
RGB Percent	75%, 85%, 91%
CMY	0.2549, 0.1529, 0.0902
CMYK	0.18, 0.07, 0.00, 0.09
HSL	203°, 48%, 83%
HSV	203°, 18%, 91%
XYZ	60.3566, 65.8851, 85.8799
YIQ	210.0500, -20.6320, -0.5360

Conversions

Conversions Part 2

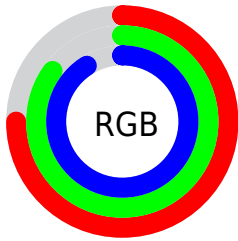
Format	Color
R _Y B	190, 206, 232
Decimal	12507368
CIE Lab	84.94, -5.31, -10.76
CIE LCh	85, 11.997, 243.726
Yxy	65.8851, 0.2845, 0.3106
Android (android.graphics.Color)	4290697448 (0xFFBED8E8)
YUV	210.0500, 10.8214, -17.5838
Hunter-Lab	81.1696, -9.3168, -5.9118

Details

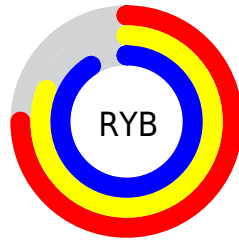
The XYZ color **60.3566, 65.8851, 85.8799** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6449, 65.0162, 57.8589**, and the grayscale version is **61.2339, 64.4228, 70.1565**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **30.7347, 33.8586, 45.9898** is the 20% darker color. If you saturate the color by 10%, you get **52.8138, 58.7273, 84.8969**, and if you desaturate by 10%, it is **68.9474, 73.7673, 86.9496**.

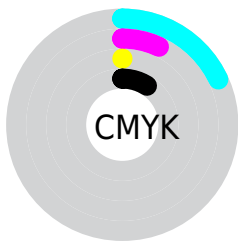
Distribution



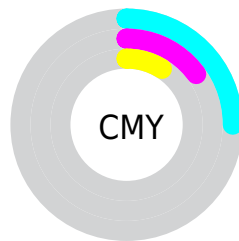
- Red (75%)
- Green (85%)
- Blue (91%)



- Red (75%)
- Yellow (81%)
- Blue (91%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (25%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3566, 65.8851, 85.8799 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 60.3566, 65.8851, 85.8799 by changing the saturation by 10% instead.

■ 60.3566, 65.8851,
85.8799

■ 60.3566, 65.8851,
85.8799

415.7246,
445.9658, 534.7554

■ 43.9567, 48.1791,
64.0143

■ 104.4502,
113.3214, 143.4869

■ 30.8342, 33.9688,
46.2160

132.8746,
143.8205, 180.0655

■ 20.6239, 22.8696,
32.0664

166.0378,
179.3528, 222.3855

■ 12.9602, 14.4973,
21.1470

204.3053,
220.3027, 270.8654

■ 7.4780, 8.4673,
13.0392

248.0424,
267.0546, 325.9238

■ 3.8117, 4.3954,
7.3245

297.6144,

■ 1.5962, 1.8971,

319.9928, 387.9793

3.5844

353.3867,
379.5017, 457.4503

■ 0.3899, 0.5466,
1.4002

■ 0.0000, 0.0000,
0.1419

■ 60.3566, 65.8851,
85.8799

■ 60.3566, 65.8851,
85.8799

■ 52.8138, 58.7273,
84.8969

■ 68.9474, 73.7673,
86.9496

■ 46.2678, 52.2596,
83.9935

■ 78.6229, 82.3906,
88.1041

■ 40.6715, 46.4565,
83.1684

■ 87.7112, 90.8973,
89.2671

■ 35.9714, 41.2875,
82.4184

■ 90.4127, 96.3003,
90.1676

■ 32.1084, 36.7192,
81.7402

■ 91.5657, 98.6063,
90.5519

■ 29.0154, 32.7138,
81.1301

■ 26.6138, 29.2276,
80.5838

■ 24.7938, 26.2007,
80.0955

■ 24.4837, 25.6623,
80.0079

Harmonies

Analogous

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



58.4115, 65.8851, 80.2941



60.3566, 65.8851, 85.8799



62.9591, 65.8851, 87.5837

Triad

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



60.3566, 65.8851, 85.8799



67.9346, 65.8851, 70.7779



59.7895, 65.8851, 60.0927

Complementary

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



60.3566, 65.8851, 85.8799



64.6449, 65.0162, 57.8589

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.



62.2858, 65.8851, 57.9284



60.3566, 65.8851, 85.8799



67.0298, 65.8851, 63.8118

Square

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



60.3566, 65.8851, 85.8799



67.3826, 65.8851, 78.5073



64.9430, 65.8851, 59.2400



58.0907, 65.8851, 65.3688

Rectangle

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



60.3566, 65.8851, 85.8799



64.7293, 65.8851, 86.1946



64.9430, 65.8851, 59.2400



60.5605, 65.8851, 58.9950

Sweetspot

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



60.3586, 65.8878, 85.8814



88.9841, 94.6021, 108.1778



61.1609, 73.0887, 68.8965



18.8697, 20.0904, 23.1332



0.0000, 0.0000, 0.0000



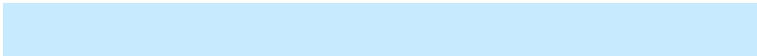
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3586, 65.8878, 85.8814



70.8949, 77.9848, 105.9238



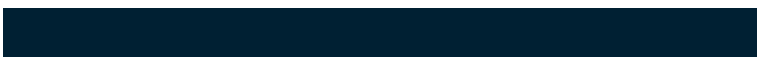
55.4519, 56.0745, 84.2458



14.3222, 15.3658, 18.3554



13.7175, 14.4970, 44.4584



1.1027, 1.2493, 3.3150

Inverse Universe

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



64.0884, 58.9422, 72.9680



76.4389, 67.9802, 86.6578



69.8794, 75.4852, 59.6037



14.7502, 14.5173, 16.8851



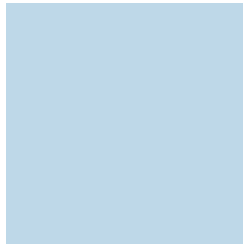
21.3174, 10.6612, 15.8325



1.6202, 0.8058, 1.4065

Previews

White Background



This preview shows how the XYZ color 60.3566, 65.8851, 85.8799 looks on a white background.

Color Contrast Check

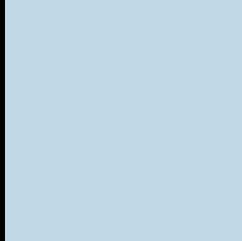
Large Text (above 18pt) WCAG AA × Fail

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 60.3566, 65.8851, 85.8799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

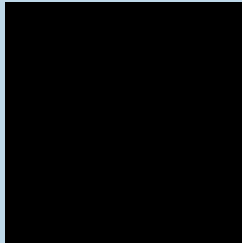
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

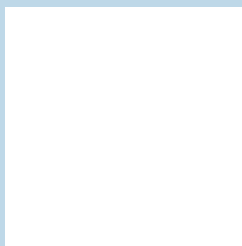
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3566, 65.8851, 85.8799

Background



This preview shows how black text looks on a background with the XYZ color 60.3566, 65.8851, 85.8799.



This preview shows how white text looks on a background with the XYZ color 60.3566, 65.8851,

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

60.3566, 65.8851, 85.8799

Protanopia

64.0534, 65.5992, 83.4147

Deuteranopia

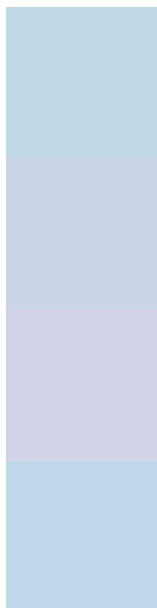
67.0468, 65.6127, 86.9727



Tritanopia

60.4991, 65.9421, 86.6302

Trichromacy



Original Color

60.3566, 65.8851, 85.8799

Protanomaly

62.4550, 65.4966, 84.2133

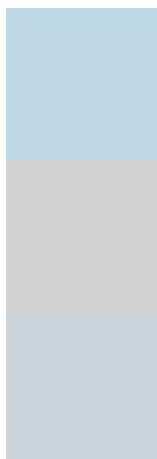
Deuteranomaly

64.3329, 65.6780, 86.3772

Tritanomaly

60.4991, 65.9421, 86.6302

Monochromacy



Original Color

60.3566, 65.8851, 85.8799

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.8270, 64.8454, 75.6402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3566, 65.8851, 85.8799 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(190, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(190, 216, 232)  
}
```

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(190, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 216, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.3566, 65.8851, 85.8799 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(190, 216, 232) }
```


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

```
.border{ border-color:rgb(190, 216, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(190, 216,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3566, 65.8851, 85.8799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 216, 232) }
```

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

```
.background{ background-color: rgb(190,  
216, 232) }
```

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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