

Converting Colors

XYZ(59.5077, 65.3759, 86.1734)

Have a look what the booklet for
XYZ(59.5077, 65.3759, 86.1734)
contains.

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Color

**XYZ(59.3711, 65.3770,
85.8338)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BAD8E8</code>
RGB	<code>186, 216, 232</code>
RGB Percent	<code>73%, 85%, 91%</code>
CMY	<code>0.2706, 0.1529, 0.0902</code>
CMYK	<code>0.20, 0.07, 0.00, 0.09</code>
HSL	<code>201°, 50%, 82%</code>
HSV	<code>201°, 20%, 91%</code>
XYZ	<code>59.3711, 65.3770, 85.8338</code>
YIQ	<code>208.8540, -23.0160, -1.3840</code>

Conversions

Conversions Part 2

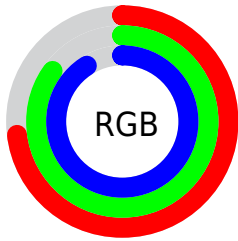
Format	Color
R _Y B	186, 204, 232
Decimal	12245224
CIE Lab	84.68, -6.54, -11.17
CIE LCh	85, 12.947, 239.653
Yxy	65.3770, 0.2819, 0.3105
Android (android.graphics.Color)	4290435304 (0xFFBAD8E8)
YUV	208.8540, 11.4110, -20.0430
Hunter-Lab	80.8560, -10.4288, -6.3408

Details

The XYZ color **59.3711, 65.3770, 85.8338** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.2629, 62.9424, 55.2707**, and the grayscale version is **60.4495, 63.5976, 69.2578**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.0971, 33.5299, 45.9599** is the 20% darker color. If you saturate the color by 10%, you get **52.1698, 58.6725, 84.9203**, and if you desaturate by 10%, it is **67.5929, 72.7616, 86.8269**.

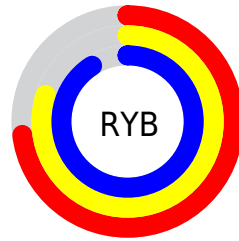
Distribution



Red (73%)

Green (85%)

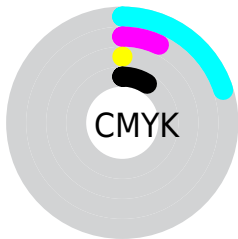
Blue (91%)



Red (73%)

Yellow (80%)

Blue (91%)

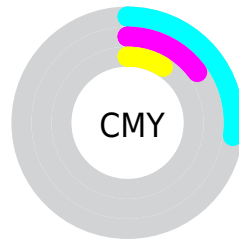


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3711, 65.3770, 85.8338 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 59.3711, 65.3770, 85.8338 by changing the saturation by 10% instead.

■ 59.3711, 65.3770,
85.8338

■ 59.3711, 65.3770,
85.8338

412.1478,
444.1455, 534.5994

■ 43.1594, 47.7668,
63.9764

■ 103.0284,
112.5917, 143.4220

■ 30.2053, 33.6423,
46.1855

131.2047,
142.9650, 179.9900

■ 20.1433, 22.6189,
32.0425

164.1000,
178.3615, 222.2985

■ 12.6081, 14.3124,
21.1289

202.0795,
219.1656, 270.7662

■ 7.2344, 8.3383,
13.0261

245.5087,
265.7616, 325.8116

■ 3.6567, 4.3121,
7.3156

294.7529,

■ 1.5098, 1.8497,

318.5340, 387.8533

3.5788

350.1775,
377.8672, 457.3097

■ 0.3325, 0.5178,
1.3972

■ 0.0000, 0.0000,
0.1396

■ 59.3711, 65.3770,
85.8338

■ 59.3711, 65.3770,
85.8338

■ 52.1698, 58.6725,
84.9203

■ 67.5929, 72.7616,
86.8269

■ 45.9376, 52.6144,
84.0795

■ 76.8718, 80.8423,
87.8976

■ 40.6273, 47.1780,
83.3100

■ 87.0275, 89.5299,
89.0392

■ 36.1850, 42.3332,
82.6090

■ 89.4586, 94.3921,
89.8496

■ 32.5508, 38.0468,
81.9732

■ 91.5657, 98.6063,
90.5519

■ 29.6566, 34.2814,
81.3989

■ 27.4217, 30.9930,
80.8820

■ 25.7110, 28.1095,
80.4156

■ 25.6834, 28.0618,
80.4078

Harmonies

Analogous

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



57.4299, 65.3770, 79.3592



59.3711, 65.3770, 85.8338



62.1052, 65.3770, 88.3297

Triad

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



59.3711, 65.3770, 85.8338



67.8680, 65.3770, 71.2809



59.4277, 65.3770, 58.2202

Complementary

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



59.3711, 65.3770, 85.8338



63.2629, 62.9424, 55.2707

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.



62.1726, 65.3770, 56.4151



59.3711, 65.3770, 85.8338



67.0985, 65.3770, 63.5913

Square

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



59.3711, 65.3770, 85.8338



67.0631, 65.3770, 79.5389



64.9914, 65.3770, 58.3046



57.4618, 65.3770, 63.4365

Rectangle

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



59.3711, 65.3770, 85.8338



64.0282, 65.3770, 87.2629



64.9914, 65.3770, 58.3046



60.2871, 65.3770, 57.2132

Sweetspot

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



59.3730, 65.3797, 85.8353



87.9694, 93.8647, 108.0890



59.6896, 72.3864, 66.2916



18.6704, 19.9521, 23.1171



0.0000, 0.0000, 0.0000



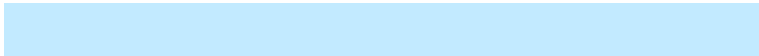
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3730, 65.3797, 85.8353



69.5889, 77.3471, 105.8695



54.0343, 54.7022, 84.0557



14.3635, 15.4483, 18.3691



14.3804, 15.8228, 44.6794



1.1487, 1.3414, 3.3303

Inverse Universe

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



63.2339, 57.2331, 72.6830



75.2978, 65.6788, 86.3370



68.8882, 74.1929, 57.1458



14.7710, 14.5256, 16.9947



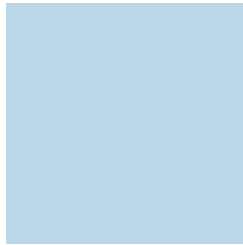
21.6521, 10.7950, 17.5945



1.6435, 0.8151, 1.5290

Previews

White Background



This preview shows how the XYZ color 59.3711, 65.3770, 85.8338 looks on a white background.

Color Contrast Check

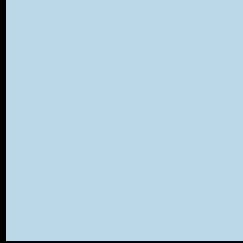
Large Text (above 18pt) WCAG AA × Fail

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 59.3711, 65.3770, 85.8338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

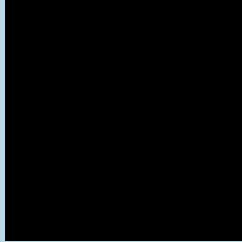
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3711, 65.3770, 85.8338

Background



This preview shows how black text looks on a background with the XYZ color 59.3711, 65.3770, 85.8338.



This preview shows how white text looks on a background with the XYZ color 59.3711, 65.3770,

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

59.3711, 65.3770, 85.8338

Protanopia

63.6285, 65.3963, 82.6679

Deuteranopia

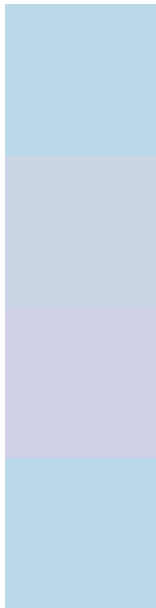
66.5014, 64.9753, 86.8784



Tritanopia

59.5135, 65.4340, 86.5841

Trichromacy



Original Color

59.3711, 65.3770, 85.8338

Protanomaly

61.7737, 65.1616, 83.4504

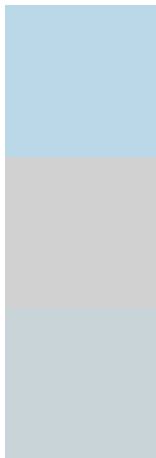
Deuteranomaly

63.5209, 64.8940, 86.2687

Tritanomaly

59.5135, 65.4340, 86.5841

Monochromacy



Original Color

59.3711, 65.3770, 85.8338

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1553, 64.5142, 74.9276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3711, 65.3770, 85.8338 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, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 216, 232) }
```

Border

The CSS property to change the border of an element to XYZ 59.3711, 65.3770, 85.8338 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, 216, 232) }
```


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

```
.border{ border-color:rgb(186, 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(186, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(186, 216,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3711, 65.3770, 85.8338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 216, 232) }
```

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

```
.background{ background-color: rgb(186,  
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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