

Converting Colors

XYZ(60.0114, 67.9871, 85.0626)

Have a look what the booklet for
XYZ(60.0114, 67.9871, 85.0626)
contains.

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Color

**XYZ(59.9326, 68.0230,
84.8339)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DEE6
RGB	183, 222, 230
RGB Percent	72%, 87%, 90%
CMY	0.2823, 0.1294, 0.0980
CMYK	0.20, 0.03, 0.00, 0.10
HSL	190°, 48%, 81%
HSV	190°, 20%, 90%
XYZ	59.9326, 68.0230, 84.8339
YIQ	211.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

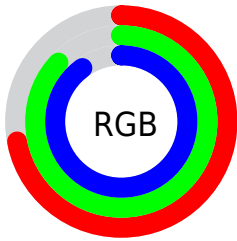
Format	Color
R _Y B	183, 204, 230
Decimal	12050150
CIE Lab	86.02, -10.98, -8.14
CIE LCh	86, 13.665, 216.569
Yxy	68.0230, 0.2817, 0.3197
Android (android.graphics.Color)	4290240230 (0xFFB7DEE6)
YUV	211.2510, 9.2433, -24.7761
Hunter-Lab	82.4761, -14.6231, -3.2518

Details

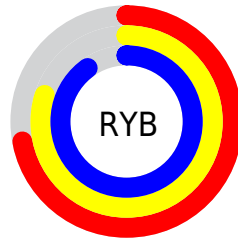
The XYZ color **59.9326, 68.0230, 84.8339** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.8117, 57.5035, 52.7478**, and the grayscale version is **62.0374, 65.2681, 71.0770**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **30.6098, 35.3997, 45.7770** is the 20% darker color. If you saturate the color by 10%, you get **53.8758, 63.3771, 84.2575**, and if you desaturate by 10%, it is **66.9115, 73.1836, 85.4633**.

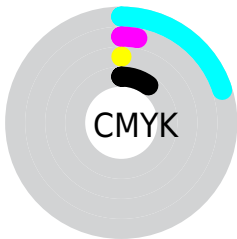
Distribution



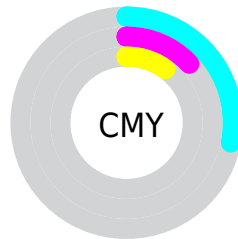
- Red (72%)
- Green (87%)
- Blue (90%)



- Red (72%)
- Yellow (80%)
- Blue (90%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9326, 68.0230, 84.8339 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 59.9326, 68.0230, 84.8339 by changing the saturation by 10% instead.

■ 59.9326, 68.0230,
84.8339

■ 59.9326, 68.0230,
84.8339

414.1880,
453.5775, 531.2085

■ 43.6136, 49.9164,
63.1548

■ 103.8388,
116.3850, 142.0132

■ 30.5634, 35.3470,
45.5246

132.1567,
147.4093, 178.3504

■ 20.4168, 23.9303,
31.5249

165.2048,
183.5083, 220.4108

■ 12.8084, 15.2819,
20.7371

203.3487,
225.0664, 268.6129

■ 7.3728, 9.0175,
12.7426

246.9536,
272.4679, 323.3751

■ 3.7447, 4.7526,
7.1229

296.3849,

■ 1.5588, 2.1028,

326.0974, 385.1161

3.4595

352.0079,
386.3391, 454.2544

■ 0.3653, 0.6662,
1.3338

■ 0.0000, 0.0000,
0.0892

■ 59.9326, 68.0230,
84.8339

■ 59.9326, 68.0230,
84.8339

■ 53.8758, 63.3771,
84.2575

■ 66.9115, 73.1836,
85.4633

■ 48.6915, 59.2148,
83.7273

■ 74.8470, 78.8716,
86.1429

■ 44.3346, 55.5145,
83.2427

■ 83.7793, 85.1098,
86.8762

■ 40.7535, 52.2491,
82.8012

■ 85.9984, 87.9237,
87.3024

■ 37.8904, 49.3887,
82.4000

■ 87.1480, 90.2231,
87.6856

■ 35.6794, 46.8991,
82.0360

■ 88.3226, 92.5723,
88.0772

■ 34.0419, 44.7395,
81.7054

■ 89.5223, 94.9716,
88.4771

■ 32.8848, 42.9167,
81.4146

■ 90.7472, 97.4213,
88.8853

■ 91.2831, 98.4933,
89.0640

Harmonies

Analogous

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



58.8487, 68.0230, 76.0580



59.9326, 68.0230, 84.8339



62.2865, 68.0230, 91.0607

Triad

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



59.9326, 68.0230, 84.8339



70.3436, 68.0230, 81.1441



63.9667, 68.0230, 58.2056

Complementary

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



59.9326, 68.0230, 84.8339



59.8117, 57.5035, 52.7478

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.



67.0804, 68.0230, 59.3285



59.9326, 68.0230, 84.8339



70.8287, 68.0230, 72.1081

Square

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



59.9326, 68.0230, 84.8339



68.3119, 68.0230, 88.8130



69.6167, 68.0230, 64.2492



61.1287, 68.0230, 61.0482

Rectangle

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



59.9326, 68.0230, 84.8339



64.2938, 68.0230, 92.6682



69.6167, 68.0230, 64.2492



65.0152, 68.0230, 58.1355

Sweetspot

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



59.9346, 68.0258, 84.8354



88.8185, 95.5630, 108.3720



57.2121, 70.4164, 59.7717



18.8715, 20.3543, 23.1841



0.0000, 0.0000, 0.0000



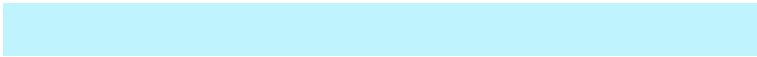
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9346, 68.0258, 84.8354



71.9955, 83.1222, 106.8574



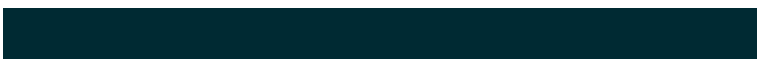
54.1594, 56.4754, 82.9104



14.5878, 15.8970, 18.4439



18.6962, 24.4545, 46.1180



1.4370, 1.9179, 3.4264

Inverse Universe

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



62.7530, 55.9653, 76.6054



76.2777, 65.1717, 94.2688



65.3126, 68.5052, 54.5815



14.8843, 14.5709, 17.5911



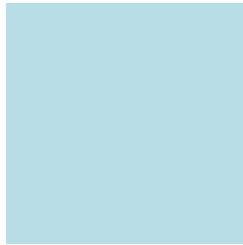
23.8305, 11.6664, 29.0660



1.7890, 0.8733, 2.2951

Previews

White Background



This preview shows how the XYZ color 59.9326, 68.0230, 84.8339 looks on a white background.

Color Contrast Check

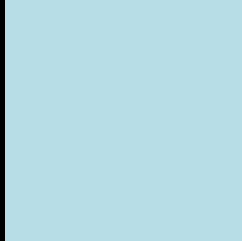
Large Text (above 18pt) WCAG AA × Fail

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 59.9326, 68.0230, 84.8339 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

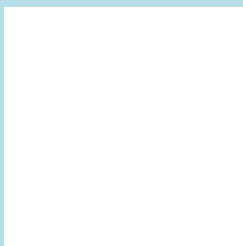
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9326, 68.0230, 84.8339

Background



This preview shows how black text looks on a background with the XYZ color 59.9326, 68.0230, 84.8339.



This preview shows how white text looks on a background with the XYZ color 59.9326, 68.0230,

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

59.9326, 68.0230, 84.8339

Protanopia

65.4092, 67.4718, 80.8101

Deuteranopia

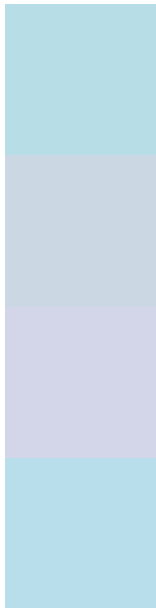
69.1870, 67.8150, 86.5339



Tritanopia

61.2967, 68.2002, 90.8222

Trichromacy



Original Color

59.9326, 68.0230, 84.8339

Protanomaly

63.0496, 67.3543, 82.3507

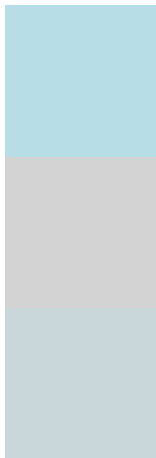
Deuteranomaly

65.4760, 67.7682, 85.9735

Tritanomaly

60.6190, 67.9014, 88.5086

Monochromacy



Original Color

59.9326, 68.0230, 84.8339

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0427, 66.0803, 75.8672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9326, 68.0230, 84.8339 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(183, 222, 230)` looks like.

```
.text, #text, p{  
    color:rgb(183, 222, 230)  
}
```

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(183, 222, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 222, 230) }
```

Border

The CSS property to change the border of an element to XYZ 59.9326, 68.0230, 84.8339 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(183, 222, 230) }
```


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

```
.border{ border-color:rgb(183, 222, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 222, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 222, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 222, 230);  
box-shadow:4px 4px 4px 4px rgb(183, 222,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9326, 68.0230, 84.8339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 222, 230) }
```

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

```
.background{ background-color: rgb(183,  
222, 230) }
```

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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