

Converting Colors

XYZ(60.4469, 68.2571, 89.8975)

Have a look what the booklet for
XYZ(60.4469, 68.2571, 89.8975)
contains.

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Color

**XYZ(60.4634, 68.1807,
90.0942)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DEED
RGB	181, 222, 237
RGB Percent	71%, 87%, 93%
CMY	0.2902, 0.1294, 0.0706
CMYK	0.24, 0.06, 0.00, 0.07
HSL	196°, 61%, 82%
HSV	196°, 24%, 93%
XYZ	60.4634, 68.1807, 90.0942
YIQ	211.4510, -29.2510, -4.0270

Conversions

Conversions Part 2

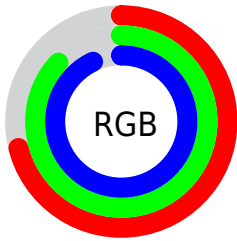
Format	Color
RYB	181, 205, 237
Decimal	11919085
CIELab	86.10, -10.05, -11.73
CIELCh	86, 15.451, 229.412
Yxy	68.1807, 0.2764, 0.3117
Android (android.graphics.Color)	4290109165 (0xFFB5DEED)
YUV	211.4510, 12.5957, -26.7055
Hunter-Lab	82.5716, -13.7929, -6.8914

Details

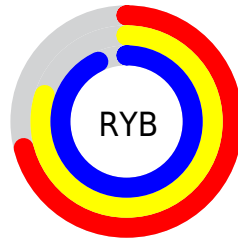
The XYZ color **60.4634, 68.1807, 90.0942** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.0063, 60.8210, 52.1365**, and the grayscale version is **62.1499, 65.3865, 71.2059**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **30.9116, 35.4857, 48.9363** is the 20% darker color. If you saturate the color by 10%, you get **53.7182, 62.2493, 89.3060**, and if you desaturate by 10%, it is **68.2215, 74.7319, 90.9509**.

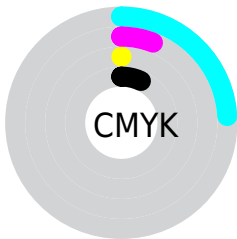
Distribution



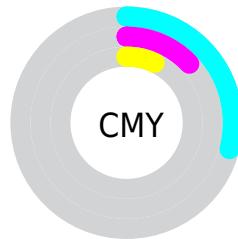
- Red (71%)
- Green (87%)
- Blue (93%)



- Red (71%)
- Yellow (80%)
- Blue (93%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4634, 68.1807, 90.0942 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 60.4634, 68.1807, 90.0942 by changing the saturation by 10% instead.

60.4634, 68.1807,
90.0942

60.4634, 68.1807,
90.0942

416.1112,
454.1360, 548.9152

44.0431, 50.0448,
67.4846

104.6041,
116.6106, 149.4059

30.9025, 35.4490,
49.0145

133.0553,
147.6734, 186.9451

20.6761, 24.0089,
34.2653

166.2475,
183.8138, 230.2979

12.9985, 15.3402,
22.8185

204.5461,
225.4165, 279.8829

7.5045, 9.0585,
14.2555

248.3164,
272.8656, 336.1186

3.8287, 4.7794,
8.1578

297.9237,

1.6057, 2.1184,

326.5456, 399.4235

4.1069

353.7336,
386.8409, 470.2162

■ 0.3961, 0.6749,
1.6842

■ 0.0000, 0.0000,
0.3498

■ 60.4634, 68.1807,
90.0942

■ 60.4634, 68.1807,
90.0942

■ 53.7182, 62.2493,
89.3060

■ 68.2215, 74.7319,
90.9509

■ 47.9311, 56.9034,
88.5791

■ 77.0314, 81.9188,
91.8738

■ 43.0517, 52.1175,
87.9125

■ 86.9375, 89.7671,
92.8666

■ 39.0217, 47.8606,
87.3033

■ 89.9074, 94.1368,
93.5535

■ 35.7761, 44.0982,
86.7481

■ 91.8858, 98.0935,
94.2129

■ 33.2396, 40.7902,
86.2433

■ 92.2863, 98.8945,
94.3464

■ 31.3207, 37.8884,
85.7843

■ 30.3316, 36.2051,
85.5115

Harmonies

Analogous

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



58.5767, 68.1807, 80.9258



60.4634, 68.1807, 90.0942



63.5576, 68.1807, 95.1587

Triad

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



60.4634, 68.1807, 90.0942



71.7476, 68.1807, 77.8874



62.5614, 68.1807, 57.2840

Complementary

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



60.4634, 68.1807, 90.0942



63.0063, 60.8210, 52.1365

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.



66.0660, 68.1807, 56.6316



60.4634, 68.1807, 90.0942



71.4571, 68.1807, 67.9277

Square

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



60.4634, 68.1807, 90.0942



70.1268, 68.1807, 87.6960



69.3469, 68.1807, 60.3593



59.7571, 68.1807, 62.2311

Rectangle

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



60.4634, 68.1807, 90.0942



65.9264, 68.1807, 95.2409



69.3469, 68.1807, 60.3593



63.6938, 68.1807, 56.5735

Sweetspot

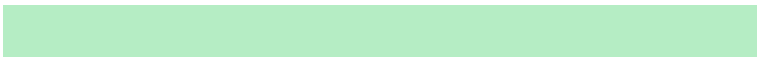
The Sweet Spot groups the original color and five complimentary colors.



60.4654, 68.1835, 90.0958



87.2790, 93.7581, 108.1048



59.2979, 74.3759, 63.4169



18.5443, 19.9567, 23.1246



0.0000, 0.0000, 0.0000



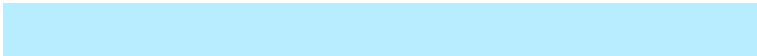
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4654, 68.1835, 90.0958



67.6818, 77.2818, 105.9574



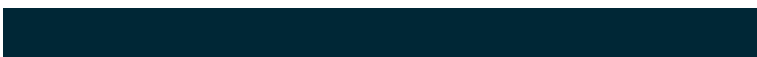
53.6502, 54.5530, 87.8240



15.1567, 16.3997, 19.2889



16.6734, 19.9937, 46.7234



1.3877, 1.7269, 3.6951

Inverse Universe

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



64.6354, 56.3279, 76.5760



73.4201, 61.4241, 87.2504



69.9046, 74.6175, 54.4359



15.5326, 15.2409, 18.0901



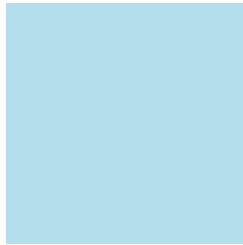
23.2712, 11.5112, 23.0275



1.8670, 0.9197, 2.0168

Previews

White Background



This preview shows how the XYZ color 60.4634, 68.1807, 90.0942 looks on a white background.

Color Contrast Check

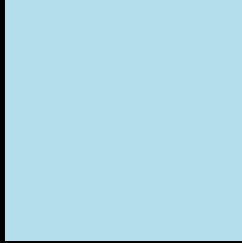
Large Text (above 18pt) WCAG AA × Fail

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 60.4634, 68.1807, 90.0942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

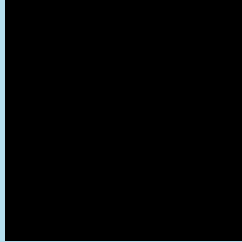
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4634, 68.1807, 90.0942

Background



This preview shows how black text looks on a background with the XYZ color 60.4634, 68.1807, 90.0942.

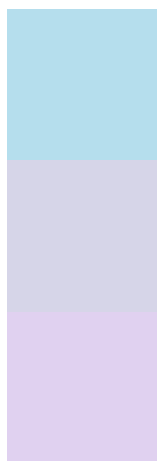


This preview shows how white text looks on a background with the XYZ color 60.4634, 68.1807,

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

60.4634, 68.1807, 90.0942

Protanopia

66.0913, 67.7108, 85.9300

Deuteranopia

69.2691, 67.7395, 91.8622



Tritanopia

60.7573, 68.2983, 91.6420

Trichromacy



Original Color

60.4634, 68.1807, 90.0942

Protanomaly

63.7643, 67.6088, 87.5310

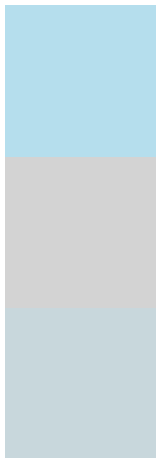
Deuteranomaly

65.6390, 67.7350, 91.2760

Tritanomaly

60.6099, 68.2394, 90.8659

Monochromacy



Original Color

60.4634, 68.1807, 90.0942

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0381, 66.0475, 77.2415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4634, 68.1807, 90.0942 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(181, 222, 237)` looks like.

```
.text, #text, p{  
    color:rgb(181, 222, 237)  
}
```

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(181, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 222, 237) }
```

Border

The CSS property to change the border of an element to XYZ 60.4634, 68.1807, 90.0942 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(181, 222, 237) }
```


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

```
.border{ border-color:rgb(181, 222, 237) }
```

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

Here you see how a box with a 4 pixel rgb(181, 222, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(181, 222,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4634, 68.1807, 90.0942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 222, 237) }
```

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

```
.background{ background-color: rgb(181,  
222, 237) }
```

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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