

Converting Colors

XYZ(60.4538, 68.6904, 84.9361)

Have a look what the booklet for
XYZ(60.4538, 68.6904, 84.9361)
contains.

XYZ(60.4378, 68.6789, 84.9338)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.4378, 68.6789,
84.9338)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DFE6
RGB	184, 223, 230
RGB Percent	72%, 87%, 90%
CMY	0.2784, 0.1255, 0.0980
CMYK	0.20, 0.03, 0.00, 0.10
HSL	189°, 48%, 81%
HSV	189°, 20%, 90%
XYZ	60.4378, 68.6789, 84.9338
YIQ	212.1370, -25.4910, -6.0910

Conversions

Conversions Part 2

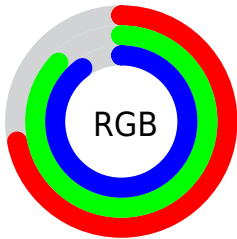
Format	Color
RYB	184, 205, 230
Decimal	12115942
CIELab	86.34, -11.18, -7.65
CIElCh	86, 13.549, 214.377
Yxy	68.6789, 0.2824, 0.3209
Android (android.graphics.Color)	4290306022 (0xFFB8DFE6)
YUV	212.1370, 8.8065, -24.6761
Hunter-Lab	82.8727, -14.8500, -2.7536

Details

The XYZ color **60.4378, 68.6789, 84.9338** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.9163, 57.5454, 53.2983**, and the grayscale version is **62.6275, 65.8890, 71.7531**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **30.9464, 35.8462, 45.8454** is the 20% darker color. If you saturate the color by 10%, you get **54.4453, 64.2180, 84.3897**, and if you desaturate by 10%, it is **67.3494, 73.6458, 85.5293**.

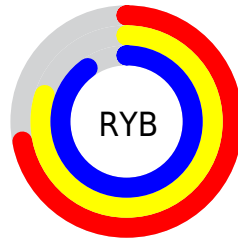
Distribution



Red (72%)

Green (87%)

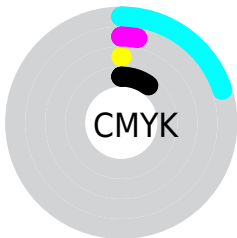
Blue (90%)



Red (72%)

Yellow (80%)

Blue (90%)

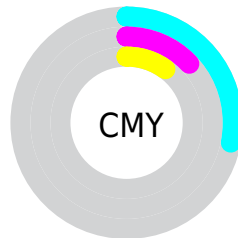


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (10%)



Cyan (28%)

Magenta (13%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4378, 68.6789, 84.9338 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 60.4378, 68.6789, 84.9338 by changing the saturation by 10% instead.

60.4378, 68.6789,
84.9338

60.4378, 68.6789,
84.9338

416.0185,
455.8977, 531.5479

44.0224, 50.4502,
63.2368

104.5672,
117.3228, 142.1540

30.8861, 35.7713,
45.5906

133.0120,
148.5069, 178.5144

20.6635, 24.2576,
31.5766

166.1972,
184.7782, 220.5996

12.9893, 15.5248,
20.7761

204.4884,
226.5212, 268.8283

7.4982, 9.1885,
12.7708

248.2507,
274.1203, 323.6189

3.8246, 4.8644,
7.1421

297.8496,

1.6034, 2.1679,

327.9598, 385.3900

3.4713

353.6504,
388.4241, 454.5601

■ 0.3946, 0.7024,
1.3400

■ 0.0000, 0.0000,
0.0943

■ 60.4378, 68.6789,
84.9338

■ 60.4378, 68.6789,
84.9338

■ 54.4453, 64.2180,
84.3897

■ 67.3494, 73.6458,
85.5293

■ 49.3225, 60.2323,
83.8904

■ 75.2145, 79.1313,
86.1736

■ 45.0246, 56.7001,
83.4351

■ 84.0730, 85.1579,
86.8700

■ 41.5000, 53.5947,
83.0215

■ 85.8070, 87.5409,
87.2385

■ 38.6915, 50.8864,
82.6468

■ 86.8298, 89.5866,
87.5795

■ 36.5336, 48.5414,
82.3079

■ 87.8726, 91.6721,
87.9271

■ 34.9485, 46.5193,
82.0011

■ 88.9353, 93.7976,
88.2813

■ 33.8019, 44.7507,
81.7202

■ 90.0181, 95.9632,
88.6423

■ 33.8018, 44.7506,
81.7202

■ 91.1211, 98.1693,
89.0099

Harmonies

Analogous

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



59.4618, 68.6789, 76.1021



60.4378, 68.6789, 84.9338



62.7106, 68.6789, 91.4116

Triad

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



60.4378, 68.6789, 84.9338



70.8521, 68.6789, 82.4789



64.8192, 68.6789, 58.8855

Complementary

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



60.4378, 68.6789, 84.9338



59.9163, 57.5454, 53.2983

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.



67.9130, 68.6789, 60.2983



60.4378, 68.6789, 84.9338



71.4600, 68.6789, 73.4726

Square

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



60.4378, 68.6789, 84.9338



68.7326, 68.6789, 89.9168



70.3683, 68.6789, 65.4689



61.9396, 68.6789, 61.4445

Rectangle

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



60.4378, 68.6789, 84.9338



64.6897, 68.6789, 93.2659



70.3683, 68.6789, 65.4689



65.8683, 68.6789, 58.9133

Sweetspot

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



60.4398, 68.6817, 84.9354



88.9055, 95.7369, 108.4010



57.4582, 70.5424, 59.8216



18.8921, 20.3955, 23.1909



0.0000, 0.0000, 0.0000



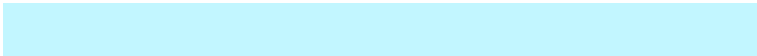
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4398, 68.6817, 84.9354



73.1086, 84.3865, 107.0427



54.7289, 57.2598, 83.0317



14.6109, 15.9432, 18.4516



19.2090, 25.4800, 46.2889



1.4703, 1.9844, 3.4375

Inverse Universe

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



63.0945, 56.4333, 77.3825



77.0744, 66.3895, 95.6924



65.3073, 68.3275, 55.0953



14.8959, 14.5756, 17.6524



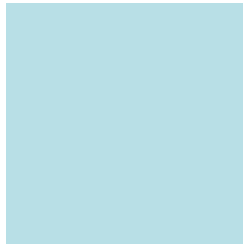
24.0893, 11.7699, 30.4289



1.8057, 0.8800, 2.3836

Previews

White Background



This preview shows how the XYZ color 60.4378, 68.6789, 84.9338 looks on a white background.

Color Contrast Check

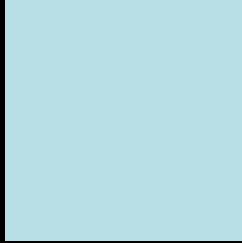
Large Text (above 18pt) WCAG AA × Fail

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 60.4378, 68.6789, 84.9338 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

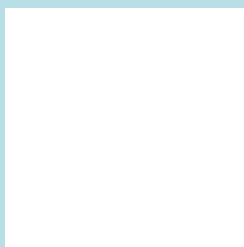
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4378, 68.6789, 84.9338

Background



This preview shows how black text looks on a background with the XYZ color 60.4378, 68.6789, 84.9338.

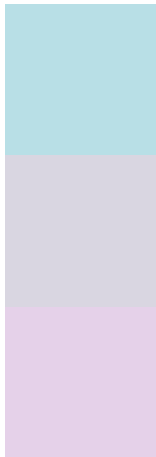


This preview shows how white text looks on a background with the XYZ color 60.4378, 68.6789,

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

60.4378, 68.6789, 84.9338

Protanopia

66.2524, 68.2811, 80.9219

Deuteranopia

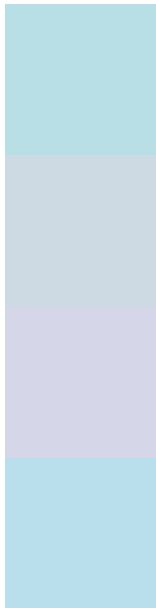
69.8215, 68.1421, 86.5635



Tritanopia

61.9510, 68.9137, 91.6979

Trichromacy



Original Color

60.4378, 68.6789, 84.9338

Protanomaly

63.8548, 68.1509, 82.4620

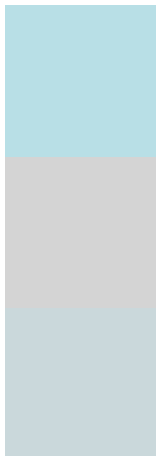
Deuteranomaly

66.0526, 68.0655, 86.0005

Tritanomaly

61.2692, 68.6130, 89.3713

Monochromacy



Original Color

60.4378, 68.6789, 84.9338

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.6992, 66.7828, 76.6563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4378, 68.6789, 84.9338 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(184, 223, 230)` looks like.

```
.text, #text, p{  
    color:rgb(184, 223, 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(184, 223, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 223, 230) }
```

Border

The CSS property to change the border of an element to XYZ 60.4378, 68.6789, 84.9338 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(184, 223, 230) }
```


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

```
.border{ border-color:rgb(184, 223, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 223, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 223, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 223, 230);  
box-shadow:4px 4px 4px 4px rgb(184, 223,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4378, 68.6789, 84.9338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 223, 230) }
```

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

```
.background{ background-color: rgb(184,  
223, 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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