

Converting Colors

XYZ(60.8942, 71.8563, 86.6742)

Have a look what the booklet for
XYZ(60.8942, 71.8563, 86.6742)
contains.

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Color

**XYZ(60.7668, 71.6499,
86.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E6E8
RGB	176, 230, 232
RGB Percent	69%, 90%, 91%
CMY	0.3098, 0.0980, 0.0902
CMYK	0.24, 0.01, 0.00, 0.09
HSL	182°, 55%, 80%
HSV	182°, 24%, 91%
XYZ	60.7668, 71.6499, 86.9710
YIQ	214.0820, -32.8260, -10.8260

Conversions

Conversions Part 2

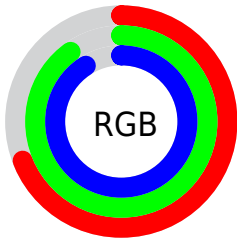
Format	Color
RYB	176, 203, 232
Decimal	11593448
CIELab	87.80, -16.68, -6.60
CIELCh	88, 17.935, 201.600
Yxy	71.6499, 0.2770, 0.3266
Android (android.graphics.Color)	4289783528 (0xFFB0E6E8)
YUV	214.0820, 8.8336, -33.3979
Hunter-Lab	84.6463, -19.9874, -1.6660

Details

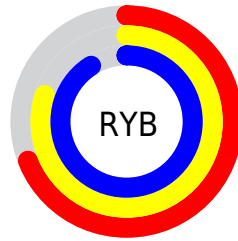
The XYZ color **60.7668, 71.6499, 86.9710** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.0364, 52.1316, 48.1320**, and the grayscale version is **63.9316, 67.2610, 73.2473**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **30.9986, 37.5443, 46.6873** is the 20% darker color. If you saturate the color by 10%, you get **55.7337, 68.7160, 86.6712**, and if you desaturate by 10%, it is **66.7017, 75.0539, 87.3164**.

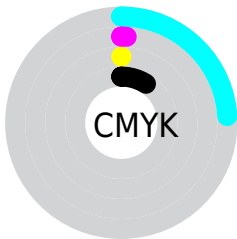
Distribution



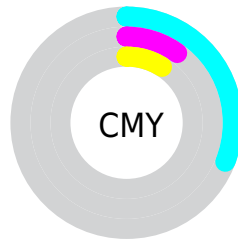
- Red (69%)
- Green (90%)
- Blue (91%)



- Red (69%)
- Yellow (80%)
- Blue (91%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7668, 71.6499, 86.9710 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 60.7668, 71.6499, 86.9710 by changing the saturation by 10% instead.

60.7668, 71.6499,
86.9710

60.7668, 71.6499,
86.9710

417.2080,
466.3221, 538.4413

44.2888, 52.8727,
64.9117

105.0412,
121.5586, 145.0222

31.0965, 37.7012,
46.9386

133.5684,
153.4590, 181.8513

20.8245, 25.7509,
32.6331

166.8427,
190.5026, 224.4406

13.1075, 16.6373,
21.5767

205.2294,
233.0737, 273.2089

7.5801, 9.9763,
13.3509

249.0939,
281.5569, 328.5745

3.8770, 5.3832,
7.5371

298.8017,

1.6328, 2.4738,

336.3364, 390.9561

3.7167

354.7179,
397.7967, 460.7722

■ 0.4136, 0.8635,
1.4712

■ 0.0000, 0.0000,
0.1964

■ 60.7668, 71.6499,
86.9710

■ 60.7668, 71.6499,
86.9710

■ 55.7337, 68.7160,
86.6712

■ 66.7017, 75.0539,
87.3164

■ 51.5504, 66.2201,
86.4099


■ 73.5743, 78.9412,
87.7045


■ 48.1696, 64.1394,
86.1865


■ 81.4266, 83.3351,
88.1388


■ 45.5365, 62.4458,
85.9983


■ 85.0336, 85.5421,
88.3746


 43.5896, 61.1076,
85.8426


 85.2688, 86.0126,
88.4530


 42.2576, 60.0879,
85.7160


 85.5052, 86.4852,
88.5318

 41.4535, 59.3421,
85.6145

 85.7426, 86.9600,
88.6110

 41.1481, 58.9911,
85.5628

 85.9811, 87.4371,
88.6905

 86.2207, 87.9163,
88.7703

Harmonies

Analogous

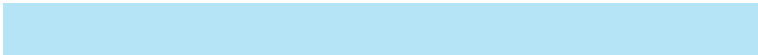
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.3163, 71.6499, 74.6380



60.7668, 71.6499, 86.9710



63.1397, 71.6499, 97.8770

Triad

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



60.7668, 71.6499, 86.9710



74.7229, 71.6499, 93.5091



69.3045, 71.6499, 57.0360

Complementary

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



60.7668, 71.6499, 86.9710



57.0364, 52.1316, 48.1320

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.



73.3158, 71.6499, 61.0393



60.7668, 71.6499, 86.9710



76.5284, 71.6499, 81.4915

Square

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



60.7668, 71.6499, 86.9710



71.1605, 71.6499, 101.9172



76.0030, 71.6499, 69.6951



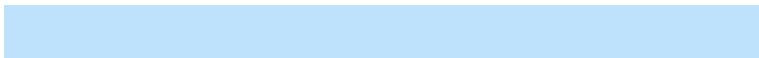
65.1306, 71.6499, 58.1759

Rectangle

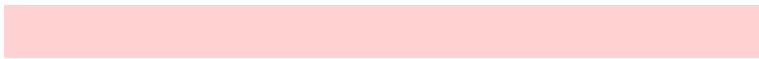
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.7668, 71.6499, 86.9710



65.5485, 71.6499, 102.4533



76.0030, 71.6499, 69.6951



70.7190, 71.6499, 57.8084

Sweetspot

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



60.7689, 71.6528, 86.9726



88.5824, 96.3648, 108.5392



54.7850, 70.1537, 52.7043



18.8469, 20.5621, 23.2255



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.



60.7689, 71.6528, 86.9726



72.0422, 86.8986, 107.5838



53.6232, 57.3614, 84.5907



14.7611, 16.2436, 18.5017



22.8642, 32.7905, 47.5073



1.7034, 2.4508, 3.5152

Inverse Universe

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



63.0887, 53.9213, 81.9489



75.4023, 61.3794, 100.2703



63.1557, 64.3703, 50.1718



14.9717, 14.6059, 18.0516



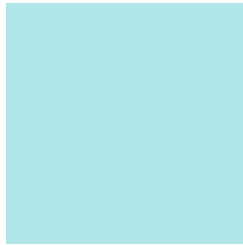
25.9343, 12.5079, 40.1445



1.9234, 0.9271, 3.0034

Previews

White Background



This preview shows how the XYZ color 60.7668, 71.6499, 86.9710 looks on a white background.

Color Contrast Check

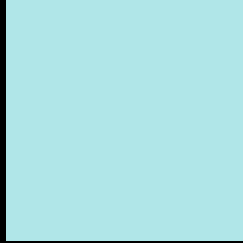
Large Text (above 18pt) WCAG AA × Fail

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 60.7668, 71.6499, 86.9710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

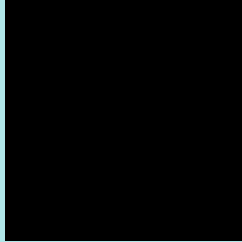
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7668, 71.6499, 86.9710

Background



This preview shows how black text looks on a background with the XYZ color 60.7668, 71.6499, 86.9710.

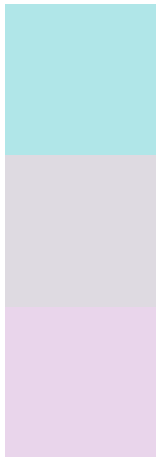


This preview shows how white text looks on a background with the XYZ color 60.7668, 71.6499,

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

60.7668, 71.6499, 86.9710

Protanopia

68.7862, 71.1086, 81.3341

Deuteranopia

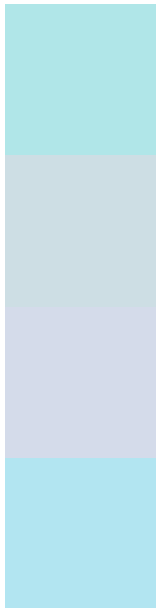
72.3939, 70.9103, 88.4687



Tritanopia

62.9684, 71.7243, 97.7142

Trichromacy



Original Color

60.7668, 71.6499, 86.9710

Protanomaly

65.3017, 70.8231, 83.6273

Deuteranomaly

67.3342, 70.6006, 87.9203

Tritanomaly

62.2566, 71.8545, 93.8071

Monochromacy



Original Color

60.7668, 71.6499, 86.9710

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.4638, 68.6862, 78.3722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7668, 71.6499, 86.9710 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(176, 230, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 230, 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(176, 230, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 230, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.7668, 71.6499, 86.9710 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(176, 230, 232) }
```


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

```
.border{ border-color:rgb(176, 230, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 230, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 230, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 230, 232); box-shadow:4px 4px 4px 4px rgb(176, 230, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7668, 71.6499, 86.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 230, 232) }
```

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

```
.background{ background-color: rgb(176,  
230, 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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