

Converting Colors

XYZ(60.3683, 72.4909, 96.3983)

Have a look what the booklet for
XYZ(60.3683, 72.4909, 96.3983)
contains.

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Color

**XYZ(60.3683, 72.4909,
96.3983)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E9F4
RGB	162, 233, 244
RGB Percent	64%, 91%, 96%
CMY	0.3647, 0.0863, 0.0431
CMYK	0.34, 0.05, 0.00, 0.04
HSL	188°, 79%, 80%
HSV	188°, 34%, 96%
XYZ	60.3683, 72.4909, 96.3983
YIQ	213.0250, -45.8470, -11.6310

Conversions

Conversions Part 2

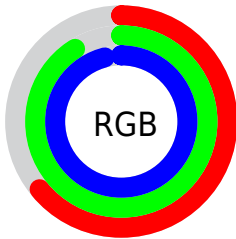
Format	Color
R _Y B	162, 200, 244
Decimal	10676724
CIE Lab	88.20, -19.36, -12.38
CIE LCh	88, 22.983, 212.596
Yxy	72.4909, 0.2633, 0.3162
Android (android.graphics.Color)	4288866804 (0xFFA2E9F4)
YUV	213.0250, 15.2707, -44.7489
Hunter-Lab	85.1416, -22.4352, -7.5297

Details

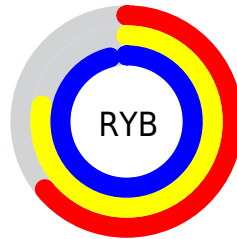
The XYZ color **60.3683, 72.4909, 96.3983** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.7743, 51.7294, 41.0710**, and the grayscale version is **63.1874, 66.4781, 72.3946**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **30.8626, 38.2009, 53.3238** is the 20% darker color. If you saturate the color by 10%, you get **54.9673, 68.3458, 95.8841**, and if you desaturate by 10%, it is **66.7524, 77.1719, 96.9666**.

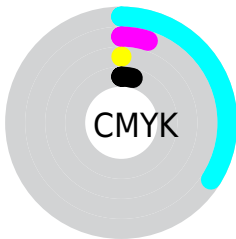
Distribution



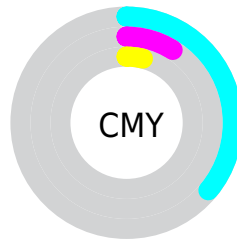
- Red (64%)
- Green (91%)
- Blue (96%)



- Red (64%)
- Yellow (78%)
- Blue (96%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3683, 72.4909, 96.3983 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 60.3683, 72.4909, 96.3983 by changing the saturation by 10% instead.

60.3683, 72.4909,
96.3983

60.3683, 72.4909,
96.3983

415.7670,
469.2484, 569.7302

43.9662, 53.5598,
72.6960

104.4671,
122.7542, 158.2072

30.8417, 38.2498,
53.2371

132.8944,
154.8552, 197.1508

20.6296, 26.1766,
37.6031

166.0608,
192.1149, 242.0120

12.9644, 16.9558,
25.3753

204.3317,
234.9178, 293.2093

7.4809, 10.2030,
16.1354

248.0724,
283.6481, 351.1612

3.8136, 5.5338,
9.4646

297.6483,

1.5972, 2.5637,

338.6905, 416.2863

4.9445

353.4247,
400.4291, 489.0031

■ 0.3906, 0.9085,
2.1566

■ 0.0000, 0.0000,
0.6491

■ 60.3683, 72.4909,
96.3983

■ 60.3683, 72.4909,
96.3983

■ 54.9673, 68.3458,
95.8841

■ 66.7524, 77.1719,
96.9666

■ 50.4871, 64.6989,
95.4163

■ 74.1646, 82.4067,
97.5863

■ 46.8680, 61.5213,
94.9937

■ 82.6549, 88.2231,
98.2615

■ 44.0408, 58.7769,
94.6130

■ 90.5537, 93.7605,
98.9140

■ 41.9253, 56.4244,
94.2704

■ 91.5584, 95.7698,
99.2489

■ 40.4237, 54.4132,
93.9614

■ 92.5807, 97.8145,
99.5897

■ 39.6926, 53.2582,
93.7770

■ 93.3294, 99.3117,
99.8392

Harmonies

Analogous

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



58.8655, 72.4909, 80.3099



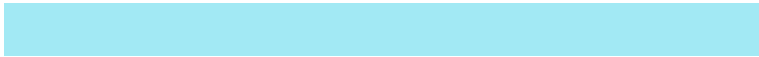
60.3683, 72.4909, 96.3983



64.1461, 72.4909, 108.9912

Triad

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



60.3683, 72.4909, 96.3983



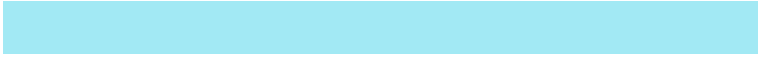
78.7231, 72.4909, 93.7091



68.4226, 72.4909, 52.3729

Complementary

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



60.3683, 72.4909, 96.3983



58.7743, 51.7294, 41.0710

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.



73.8841, 72.4909, 54.9772



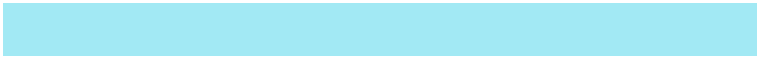
60.3683, 72.4909, 96.3983



80.0155, 72.4909, 77.5665

Square

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



60.3683, 72.4909, 96.3983



74.7566, 72.4909, 107.2991



78.2008, 72.4909, 63.7112



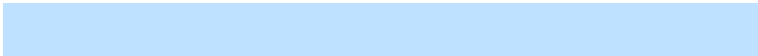
63.3584, 72.4909, 56.0621

Rectangle

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



60.3683, 72.4909, 96.3983



67.5464, 72.4909, 112.9399



78.2008, 72.4909, 63.7112



70.2725, 72.4909, 52.5416

Sweetspot

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



60.3705, 72.4938, 96.4000



85.2016, 93.3177, 108.1293



54.7888, 75.3987, 51.1686



17.9615, 19.7842, 23.1220



0.0000, 0.0000, 0.0000



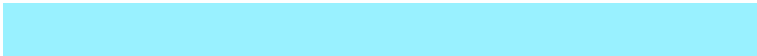
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3705, 72.4938, 96.4000



62.7371, 77.0927, 106.1815



50.0952, 51.9432, 92.9749



16.7961, 18.3565, 21.2005



21.6560, 29.1059, 51.0146



1.9548, 2.6610, 4.5008

Inverse Universe

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



64.9383, 50.9586, 83.5074



68.5563, 50.4125, 89.5875



67.8609, 69.9026, 44.0999



17.1124, 16.7278, 20.3385



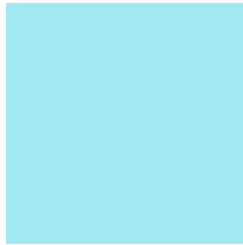
26.7355, 13.0376, 34.9110



2.3757, 1.1563, 3.2050

Previews

White Background



This preview shows how the XYZ color 60.3683, 72.4909, 96.3983 looks on a white background.

Color Contrast Check

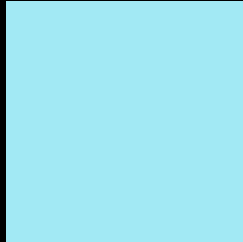
Large Text (above 18pt) WCAG AA × Fail

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 60.3683, 72.4909, 96.3983 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 60.3683, 72.4909, 96.3983

Background



This preview shows how black text looks on a background with the XYZ color 60.3683, 72.4909, 96.3983.

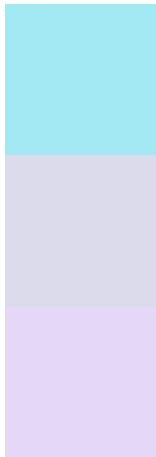


This preview shows how white text looks on a background with the XYZ color 60.3683, 72.4909,

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

60.3683, 72.4909, 96.3983

Protanopia

69.8421, 71.8768, 88.7898

Deuteranopia

73.5568, 72.0362, 98.8345



Tritanopia

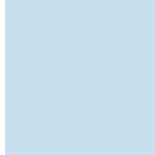
61.5790, 72.5708, 102.0288

Trichromacy



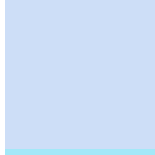
Original Color

60.3683, 72.4909, 96.3983



Protanomaly

65.6415, 71.6265, 91.2545



Deuteranomaly

68.0866, 71.9371, 98.2924



Tritanomaly

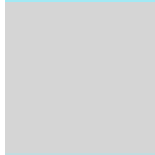
60.9041, 72.2771, 99.5478

Monochromacy



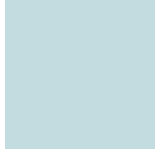
Original Color

60.3683, 72.4909, 96.3983



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

61.2959, 68.0376, 80.4229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3683, 72.4909, 96.3983 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(162, 233, 244)` looks like.

```
.text, #text, p{  
    color:rgb(162, 233, 244)  
}
```

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(162, 233, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 233, 244) }
```

Border

The CSS property to change the border of an element to XYZ 60.3683, 72.4909, 96.3983 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(162, 233, 244) }
```


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

```
.border{ border-color:rgb(162, 233, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 233, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 233, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 233, 244);  
box-shadow:4px 4px 4px 4px rgb(162, 233,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3683, 72.4909, 96.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 233, 244) }
```

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

```
.background{ background-color: rgb(162,  
233, 244) }
```

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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