

Converting Colors

XYZ(57.6677, 67.9160, 90.9586)

Have a look what the booklet for
XYZ(57.6677, 67.9160, 90.9586)
contains.

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Color

**XYZ(57.6677, 67.9160,
90.9586)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E1EE
RGB	164, 225, 238
RGB Percent	64%, 88%, 93%
CMY	0.3568, 0.1176, 0.0667
CMYK	0.31, 0.05, 0.00, 0.07
HSL	191°, 69%, 79%
HSV	191°, 31%, 93%
XYZ	57.6677, 67.9160, 90.9586
YIQ	208.2430, -40.5290, -8.8890

Conversions

Conversions Part 2

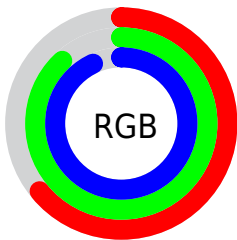
Format	Color
RYB	164, 197, 238
Decimal	10805742
CIELab	85.96, -16.22, -12.56
CIELCh	86, 20.511, 217.762
Yxy	67.9160, 0.2663, 0.3136
Android (android.graphics.Color)	4288995822 (0xFFA4E1EE)
YUV	208.2430, 14.6702, -38.8011
Hunter-Lab	82.4112, -19.3131, -7.7516

Details

The XYZ color **57.6677, 67.9160, 90.9586** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.6838, 52.3025, 42.1787**, and the grayscale version is **60.0401, 63.1669, 68.7887**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **29.1249, 35.3781, 49.5496** is the 20% darker color. If you saturate the color by 10%, you get **52.0923, 63.3862, 90.3793**, and if you desaturate by 10%, it is **64.1939, 72.9804, 91.5933**.

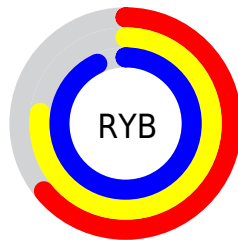
Distribution



Red (64%)

Green (88%)

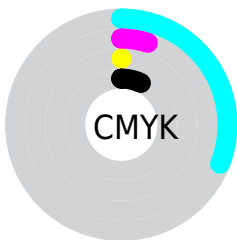
Blue (93%)



Red (64%)

Yellow (77%)

Blue (93%)

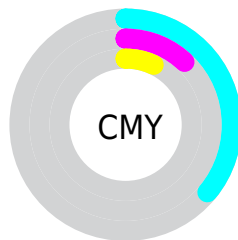


Cyan (31%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (36%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6677, 67.9160, 90.9586 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 57.6677, 67.9160, 90.9586 by changing the saturation by 10% instead.

■ 57.6677, 67.9160,
90.9586

■ 57.6677, 67.9160,
90.9586

405.9204,
453.1983, 551.7946

■ 41.7838, 49.8294,
68.1978

■ 100.5645,
116.2320, 150.6164

■ 29.1224, 35.2779,
49.5910

■ 128.3082,
147.2301, 188.3504

■ 19.3182, 23.8770,
34.7196

160.7358,
183.3009, 231.9125

■ 12.0058, 15.2424,
23.1651

198.2127,
224.8288, 281.7214

■ 6.8198, 8.9897,
14.5090

241.1042,
272.1980, 338.1955

■ 3.3950, 4.7345,
8.3328

289.7758,

■ 1.3659, 2.0923,

325.7931, 401.7534

4.2178

344.5927,
385.9984, 472.8136

■ 0.2318, 0.6603,
1.7456

■ 0.0000, 0.0000,
0.3917

■ 57.6677, 67.9160,
90.9586

■ 57.6677, 67.9160,
90.9586

■ 52.0923, 63.3862,
90.3793

■ 64.1939, 72.9804,
91.5933

■ 47.4101, 59.3559,
89.8481

■ 71.7124, 78.5960,
92.2810

■ 43.5664, 55.7985,
89.3641

■ 80.2696, 84.7887,
93.0253

■ 40.4980, 52.6809,
88.9240

■ 88.3433, 90.7742,
93.7550

■ 38.1324, 49.9655,
88.5246

■ 89.6000, 93.2875,
94.1739

■ 36.3826, 47.6072,
88.1616

■ 90.8853, 95.8580,
94.6023

■ 35.2174, 45.7424,
87.8631

■ 92.1993, 98.4861,
95.0404

■ 92.4328, 98.9531,
95.1182

Harmonies

Analogous

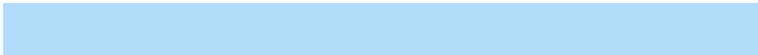
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.0050, 67.9160, 77.5000



57.6677, 67.9160, 90.9586



61.1918, 67.9160, 100.5871

Triad

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



57.6677, 67.9160, 90.9586



73.2840, 67.9160, 84.1835



63.3392, 67.9160, 51.1536

Complementary

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



57.6677, 67.9160, 90.9586



57.6838, 52.3025, 42.1787

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.



68.0332, 67.9160, 52.4854



57.6677, 67.9160, 90.9586



73.9274, 67.9160, 70.5081

Square

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



57.6677, 67.9160, 90.9586



70.2462, 67.9160, 96.3564



71.9637, 67.9160, 59.2042



59.1743, 67.9160, 55.3162

Rectangle

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



57.6677, 67.9160, 90.9586



64.1998, 67.9160, 102.9445



71.9637, 67.9160, 59.2042



64.9057, 67.9160, 50.9838

Sweetspot

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



57.6697, 67.9187, 90.9602



85.8324, 93.3591, 108.1040



53.7553, 72.1907, 52.3501



18.0730, 19.7642, 23.1123



0.0000, 0.0000, 0.0000



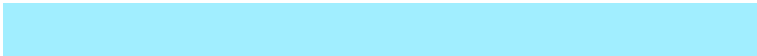
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6697, 67.9187, 90.9602



63.3768, 76.1593, 105.9677



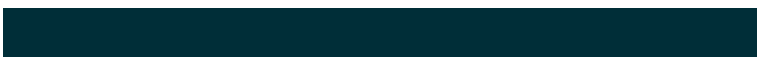
48.8700, 50.3192, 88.0269



15.9974, 17.4290, 20.2426



19.7332, 25.6906, 49.0466



1.7029, 2.2598, 4.1006

Inverse Universe

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



62.1277, 50.1660, 77.6457



69.4194, 52.8258, 87.7566



65.8403, 68.6153, 44.8975



16.3281, 15.9810, 19.2842



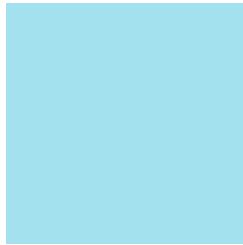
25.2860, 12.3868, 30.4863



2.1345, 1.0428, 2.6991

Previews

White Background



This preview shows how the XYZ color 57.6677, 67.9160, 90.9586 looks on a white background.

Color Contrast Check

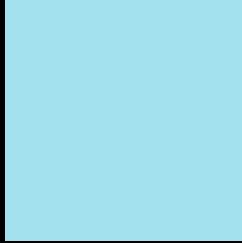
Large Text (above 18pt) WCAG AA × Fail

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 57.6677, 67.9160, 90.9586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

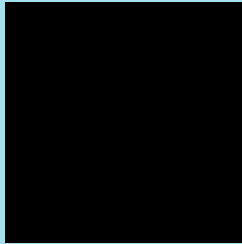
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6677, 67.9160, 90.9586

Background



This preview shows how black text looks on a background with the XYZ color 57.6677, 67.9160, 90.9586.

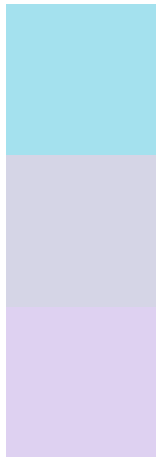


This preview shows how white text looks on a background with the XYZ color 57.6677, 67.9160,

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

57.6677, 67.9160, 90.9586

Protanopia

65.5177, 67.4478, 84.4285

Deuteranopia

68.8018, 67.4814, 92.6181



Tritanopia

58.1997, 67.7214, 94.0085

Trichromacy



Original Color

57.6677, 67.9160, 90.9586

Protanomaly

62.0265, 67.1110, 86.7754

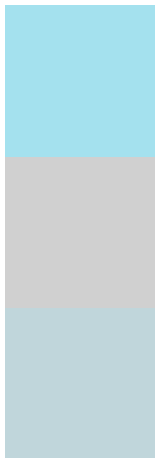
Deuteranomaly

64.1160, 67.3097, 92.0509

Tritanomaly

58.0499, 67.6615, 93.2195

Monochromacy



Original Color

57.6677, 67.9160, 90.9586

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.5710, 64.4141, 76.3640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6677, 67.9160, 90.9586 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(164, 225, 238)` looks like.

```
.text, #text, p{  
    color:rgb(164, 225, 238)  
}
```

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(164, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 225, 238) }
```

Border

The CSS property to change the border of an element to XYZ 57.6677, 67.9160, 90.9586 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(164, 225, 238) }
```


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

```
.border{ border-color:rgb(164, 225, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 225, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 225, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 225, 238);  
box-shadow:4px 4px 4px 4px rgb(164, 225,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6677, 67.9160, 90.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 225, 238) }
```

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

```
.background{ background-color: rgb(164,  
225, 238) }
```

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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