

Converting Colors

XYZ(57.1332, 66.4640, 89.9384)

Have a look what the booklet for
XYZ(57.1332, 66.4640, 89.9384)
contains.

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Color

**XYZ(57.1332, 66.4640,
89.9384)**

Conversions

Conversions Part 1

Format	Color
Hex	A6DEED
RGB	166, 222, 237
RGB Percent	65%, 87%, 93%
CMY	0.3490, 0.1294, 0.0706
CMYK	0.30, 0.06, 0.00, 0.07
HSL	193°, 66%, 79%
HSV	193°, 30%, 93%
XYZ	57.1332, 66.4640, 89.9384
YIQ	206.9660, -38.1910, -7.2070

Conversions

Conversions Part 2

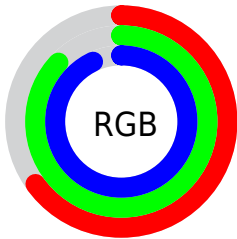
Format	Color
R _{YB}	166, 197, 237
Decimal	10936045
CIE _{Lab}	85.23, -14.37, -13.12
CIE _{LCh}	85, 19.457, 222.382
Yxy	66.4640, 0.2676, 0.3113
Android (android.graphics.Color)	4289126125 (0xFFA6DEED)
YUV	206.9660, 14.8068, -35.9272
Hunter-Lab	81.5255, -17.5764, -8.3406

Details

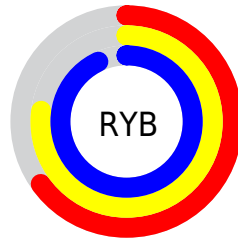
The XYZ color **57.1332, 66.4640, 89.9384** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3327, 53.8059, 43.3889**, and the grayscale version is **59.2132, 62.2969, 67.8413**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **28.8413, 34.4184, 48.8394** is the 20% darker color. If you saturate the color by 10%, you get **51.3060, 61.5168, 89.2917**, and if you desaturate by 10%, it is **63.9194, 71.9674, 90.6441**.

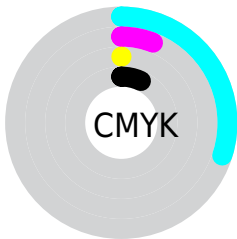
Distribution



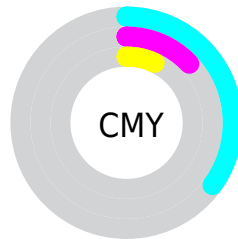
- Red (65%)
- Green (87%)
- Blue (93%)



- Red (65%)
- Yellow (77%)
- Blue (93%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)





- Cyan (35%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1332, 66.4640, 89.9384 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 57.1332, 66.4640, 89.9384 by changing the saturation by 10% instead.


 57.1332, 66.4640,
89.9384


 57.1332, 66.4640,
89.9384


403.9544,
448.0345, 548.3954

 41.3527, 48.6492,
67.3561


 99.7898, 114.1520,
149.1876

 28.7837, 34.3413,
48.9107


 127.3966,
144.7940, 186.6916

 19.0607, 23.1559,
34.1835


159.6762,
180.4805, 230.0066

 11.8184, 14.7087,
22.7561

196.9940,
221.5959, 279.5511

 6.6915, 8.6152,
14.2099

239.7154,
268.5246, 335.7437

 3.3145, 4.4910,
8.1264

288.2057,

 1.3222, 1.9519,

321.6510, 399.0029

4.0870

342.8302,
381.3595, 469.7473

■ 0.1997, 0.5793,
1.6732

■ 0.0000, 0.0000,
0.3423

■ 57.1332, 66.4640,
89.9384

■ 57.1332, 66.4640,
89.9384

■ 51.3060, 61.5168,
89.2917

■ 63.9194, 71.9674,
90.6441

■ 46.3810, 57.0913,
88.6971

■ 71.7053, 78.0437,
91.4066

■ 42.3048, 53.1608,
88.1533

■ 80.5367, 84.7186,
92.2295

■ 39.0154, 49.6931,
87.6573

■ 88.2871, 90.8962,
93.0134

■ 36.4420, 46.6511,
87.2058

■ 89.7979, 93.9178,
93.5170

■ 34.5006, 43.9910,
86.7947

■ 91.3498, 97.0216,
94.0343

■ 33.0495, 41.6391,
86.4172

■ 92.2863, 98.8945,
94.3465

■ 33.0437, 41.6293,
86.4156

Harmonies

Analogous

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



55.2723, 66.4640, 77.6827



57.1332, 66.4640, 89.9384



60.6487, 66.4640, 97.9723

Triad

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



57.1332, 66.4640, 89.9384



71.5734, 66.4640, 79.9431



61.3772, 66.4640, 51.2095

Complementary

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



57.1332, 66.4640, 89.9384



58.3327, 53.8059, 43.3889

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.



65.7644, 66.4640, 51.6652



57.1332, 66.4640, 89.9384



71.7908, 66.4640, 67.3014

Square

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



57.1332, 66.4640, 89.9384



69.0413, 66.4640, 91.7576



69.6221, 66.4640, 57.2493



57.6452, 66.4640, 55.9225

Rectangle

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



57.1332, 66.4640, 89.9384



63.5239, 66.4640, 99.3423



69.6221, 66.4640, 57.2493



62.8215, 66.4640, 50.7803

Sweetspot

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



57.1352, 66.4667, 89.9399



85.5779, 92.8500, 108.0192



54.2700, 71.9801, 54.3216



18.0100, 19.6381, 23.0912



0.0000, 0.0000, 0.0000



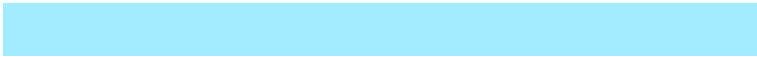
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1352, 66.4667, 89.9399



63.0782, 74.7935, 105.7198



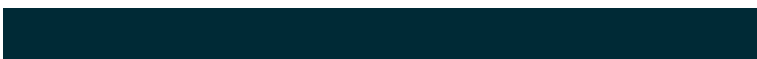
48.8474, 49.8910, 87.1773



15.2319, 16.5503, 19.3140



18.1390, 22.9251, 47.2119



1.4918, 1.9350, 3.7297

Inverse Universe

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



61.7477, 50.5525, 75.6134



69.4563, 53.5589, 85.7364



66.2883, 69.7172, 46.0408



15.5706, 15.2561, 18.2901



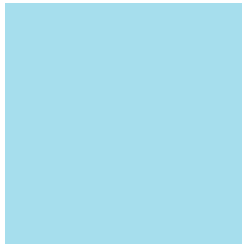
24.0110, 11.8071, 26.9232



1.9195, 0.9408, 2.2933

Previews

White Background



This preview shows how the XYZ color 57.1332, 66.4640, 89.9384 looks on a white background.

Color Contrast Check

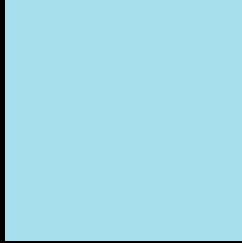
Large Text (above 18pt) WCAG AA × Fail

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 57.1332, 66.4640, 89.9384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

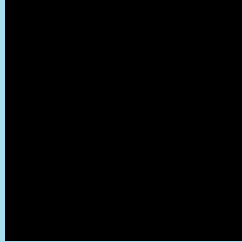
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1332, 66.4640, 89.9384

Background



This preview shows how black text looks on a background with the XYZ color 57.1332, 66.4640, 89.9384.



This preview shows how white text looks on a background with the XYZ color 57.1332, 66.4640,

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

57.1332, 66.4640, 89.9384

Protanopia

64.4412, 66.1506, 84.2348

Deuteranopia

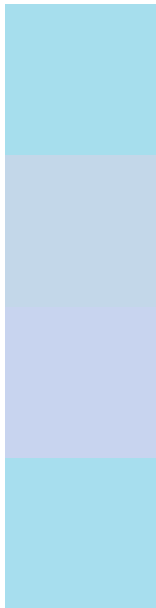
67.5562, 66.1326, 91.6423



Tritanopia

57.6376, 66.6900, 91.4960

Trichromacy



Original Color

57.1332, 66.4640, 89.9384

Protanomaly

61.5141, 66.0862, 86.6046

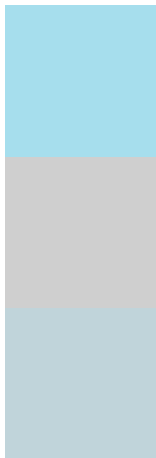
Deuteranomaly

62.9429, 65.5983, 91.0057

Tritanomaly

57.4902, 66.6311, 90.7199

Monochromacy



Original Color

57.1332, 66.4640, 89.9384

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.9366, 63.3554, 75.5049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1332, 66.4640, 89.9384 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(166, 222, 237)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 222, 237) }
```

Border

The CSS property to change the border of an element to XYZ 57.1332, 66.4640, 89.9384 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(166, 222, 237) }
```


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

```
.border{ border-color:rgb(166, 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(166, 222, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(166, 222,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1332, 66.4640, 89.9384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 222, 237) }
```

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

```
.background{ background-color: rgb(166,  
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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