

Converting Colors

XYZ(54.8329, 66.6312, 84.5278)

Have a look what the booklet for
XYZ(54.8329, 66.6312, 84.5278)
contains.

XYZ(54.9184, 66.6315, 84.8296)	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(54.9184, 66.6315,
84.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE1E6
RGB	156, 225, 230
RGB Percent	61%, 88%, 90%
CMY	0.3882, 0.1176, 0.0980
CMYK	0.32, 0.02, 0.00, 0.10
HSL	184°, 60%, 76%
HSV	184°, 32%, 90%
XYZ	54.9184, 66.6315, 84.8296
YIQ	204.9390, -42.7290, -13.0730

Conversions

Conversions Part 2

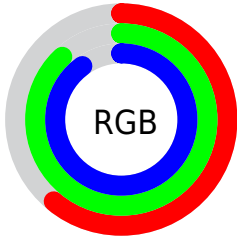
Format	Color
RYB	156, 192, 230
Decimal	10281446
CIELab	85.32, -20.26, -9.35
CIElCh	85, 22.315, 204.761
Yxy	66.6315, 0.2661, 0.3229
Android (android.graphics.Color)	4288471526 (0xFF9CE1E6)
YUV	204.9390, 12.3551, -42.9195
Hunter-Lab	81.6281, -22.7566, -4.4757

Details

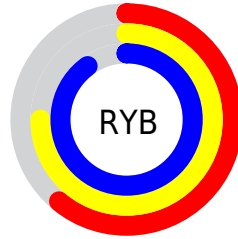
The XYZ color **54.9184, 66.6315, 84.8296** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.3796, 44.7136, 37.3764**, and the grayscale version is **57.9345, 60.9516, 66.3763**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **27.4794, 34.6113, 45.7898** is the 20% darker color. If you saturate the color by 10%, you get **50.4648, 63.7166, 84.5028**, and if you desaturate by 10%, it is **60.2225, 69.9937, 85.2001**.

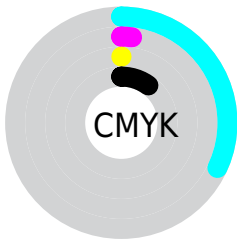
Distribution



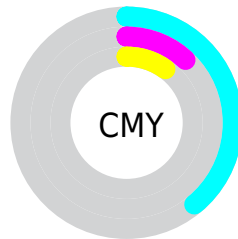
- Red (61%)
- Green (88%)
- Blue (90%)



- Red (61%)
- Yellow (75%)
- Blue (90%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)





- Cyan (39%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9184, 66.6315, 84.8296 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 54.9184, 66.6315, 84.8296 by changing the saturation by 10% instead.


 54.9184, 66.6315,
84.8296


 54.9184, 66.6315,
84.8296


395.7440,
448.6320, 531.1939

 39.5700, 48.7852,
63.1513


 96.5704, 114.3922,
142.0071

 27.3861, 34.4491,
45.5218


 123.6047,
145.0755, 178.3434

 18.0015, 23.2388,
31.5227

155.2650,
180.8065, 220.4027

 11.0508, 14.7700,
20.7354

191.9167,
221.9697, 268.6036

 6.1685, 8.6581,
12.7414

233.9250,
268.9494, 323.3646

 2.9895, 4.5189,
7.1221

281.6555,

 1.1482, 1.9678,

322.1301, 385.1043

3.4590

335.4733,
381.8962, 454.2413

■ 0.0649, 0.5887,
1.3335

■ 0.0000, 0.0000,
0.0890

■ 54.9184, 66.6315,
84.8296

■ 54.9184, 66.6315,
84.8296

■ 50.4648, 63.7166,
84.5028

■ 60.2225, 69.9937,
85.2001

■ 46.8080, 61.2166,
84.2130

■ 66.4151, 73.8180,
85.6119

■ 43.8975, 59.1069,
83.9592

■ 73.5390, 78.1282,
86.0684

■ 41.6747, 57.3574,
83.7387

■ 81.6326, 82.9440,
86.5713

■ 40.0719, 55.9331,
83.5482

■ 84.5972, 85.1213,
86.8354

■ 39.0077, 54.7920,
83.3841

■ 85.0383, 86.0035,
86.9824

■ 38.4485, 54.0439,
83.2691

■ 85.4833, 86.8935,
87.1307

■ 85.9321, 87.7912,
87.2804

■ 86.3849, 88.6968,
87.4313

Harmonies

Analogous

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



54.1473, 66.6315, 70.0413



54.9184, 66.6315, 84.8296



57.8933, 66.6315, 97.7105

Triad

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



54.9184, 66.6315, 84.8296



71.5959, 66.6315, 89.8039



64.2218, 66.6315, 48.2359

Complementary

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



54.9184, 66.6315, 84.8296



51.3796, 44.7136, 37.3764

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.



69.0994, 66.6315, 52.1288



54.9184, 66.6315, 84.8296



73.4991, 66.6315, 75.1187

Square

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



54.9184, 66.6315, 84.8296



67.4850, 66.6315, 100.8393



72.5622, 66.6315, 61.5173



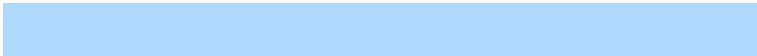
59.3515, 66.6315, 50.1187

Rectangle

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



54.9184, 66.6315, 84.8296



60.8137, 66.6315, 102.8182



72.5622, 66.6315, 61.5173



65.9174, 66.6315, 48.8951

Sweetspot

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



54.9204, 66.6342, 84.8311



85.7360, 94.3865, 108.3074



48.4355, 66.2337, 43.9203



18.0917, 20.0446, 23.1654



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.



54.9204, 66.6342, 84.8311



65.3281, 81.5525, 106.9058



45.9920, 48.7774, 81.8550



14.7198, 16.1609, 18.4879



21.8035, 30.6690, 47.1537



1.6364, 2.3168, 3.4929

Inverse Universe

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



58.1138, 46.0377, 77.0604



70.0404, 51.6811, 95.3218



58.8140, 59.5824, 39.8546



14.9509, 14.5975, 17.9418



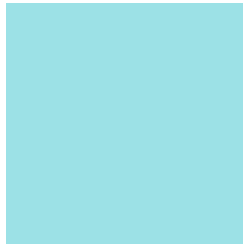
25.3989, 12.2938, 37.3251



1.8896, 0.9136, 2.8252

Previews

White Background



This preview shows how the XYZ color 54.9184, 66.6315, 84.8296 looks on a white background.

Color Contrast Check

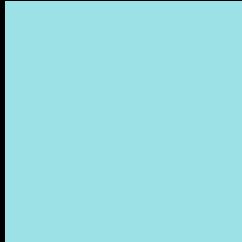
Large Text (above 18pt) WCAG AA × Fail

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 54.9184, 66.6315, 84.8296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

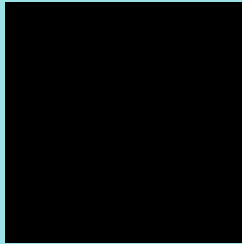
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9184, 66.6315, 84.8296

Background



This preview shows how black text looks on a background with the XYZ color 54.9184, 66.6315, 84.8296.

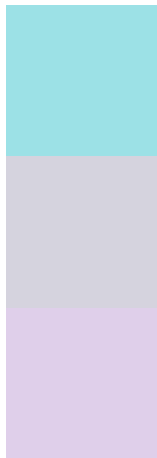


This preview shows how white text looks on a background with the XYZ color 54.9184, 66.6315,

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

54.9184, 66.6315, 84.8296

Protanopia

63.9197, 66.0086, 78.4792

Deuteranopia

67.5955, 66.2541, 87.0676



Tritanopia

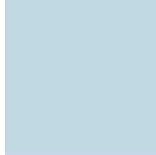
56.5629, 66.4972, 93.0731

Trichromacy



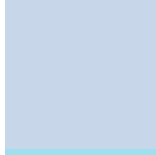
Original Color

54.9184, 66.6315, 84.8296



Protanomaly

59.8847, 65.7544, 80.7698



Deuteranomaly

62.3077, 66.1184, 86.5690



Tritanomaly

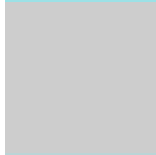
56.0423, 66.6948, 90.0404

Monochromacy



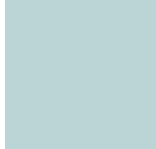
Original Color

54.9184, 66.6315, 84.8296



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

56.1746, 62.5068, 72.7226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9184, 66.6315, 84.8296 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(156, 225, 230)` looks like.

```
.text, #text, p{  
    color:rgb(156, 225, 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(156, 225, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 225, 230) }
```

Border

The CSS property to change the border of an element to XYZ 54.9184, 66.6315, 84.8296 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(156, 225, 230) }
```


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

```
.border{ border-color:rgb(156, 225, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 225, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 225, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 225, 230);  
box-shadow:4px 4px 4px 4px rgb(156, 225,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9184, 66.6315, 84.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 225, 230) }
```

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

```
.background{ background-color: rgb(156,  
225, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor