

Converting Colors

XYZ(54.6573, 66.7685, 84.0081)

Have a look what the booklet for
XYZ(54.6573, 66.7685, 84.0081)
contains.

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Color

**XYZ(54.8568, 67.0184,
84.1733)**

Conversions

Conversions Part 1

Format	Color
Hex	9BE2E5
RGB	155, 226, 229
RGB Percent	61%, 89%, 90%
CMY	0.3921, 0.1137, 0.1020
CMYK	0.32, 0.01, 0.00, 0.10
HSL	182°, 59%, 75%
HSV	182°, 32%, 90%
XYZ	54.8568, 67.0184, 84.1733
YIQ	205.1130, -43.2790, -14.1190

Conversions

Conversions Part 2

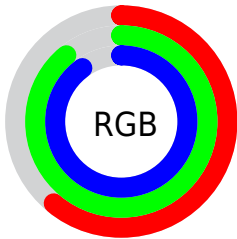
Format	Color
RYB	155, 191, 229
Decimal	10216165
CIELab	85.51, -21.26, -8.53
CIELCh	86, 22.911, 201.866
Yxy	67.0184, 0.2662, 0.3253
Android (android.graphics.Color)	4288406245 (0xFF9BE2E5)
YUV	205.1130, 11.7763, -43.9491
Hunter-Lab	81.8648, -23.6522, -3.6566

Details

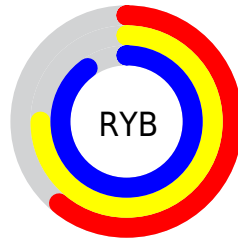
The XYZ color **54.8568, 67.0184, 84.1733** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.4573, 43.4790, 36.7448**, and the grayscale version is **58.0490, 61.0721, 66.5075**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **27.4584, 34.8911, 45.3319** is the 20% darker color. If you saturate the color by 10%, you get **50.6209, 64.4629, 83.9044**, and if you desaturate by 10%, it is **59.9315, 70.0116, 84.4847**.

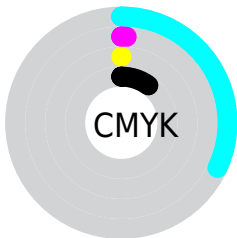
Distribution



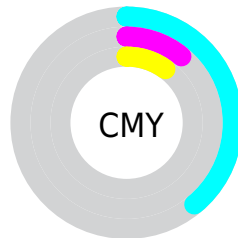
- Red (61%)
- Green (89%)
- Blue (90%)



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



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (39%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8568, 67.0184, 84.1733 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 54.8568, 67.0184, 84.1733 by changing the saturation by 10% instead.

■ 54.8568, 67.0184,
84.1733

■ 54.8568, 67.0184,
84.1733

395.5141,
450.0103, 528.9616

■ 39.5205, 49.0996,
62.6123

■ 96.4807, 114.9468,
141.0815

■ 27.3474, 34.6985,
45.0887

■ 123.4989,
145.7251, 177.2657

■ 17.9722, 23.4307,
31.1838

155.1418,
181.5588, 219.1615

■ 11.0296, 14.9119,
20.4792

191.7748,
222.8321, 267.1872

■ 6.1542, 8.7575,
12.5563

233.7631,
269.9295, 321.7616

■ 2.9806, 4.5834,
6.9966

281.4722,

■ 1.1435, 2.0050,

323.2354, 383.3031

3.3816

335.2675,
383.1342, 452.2303

■ 0.0611, 0.6103,
1.2926

■ 0.0000, 0.0000,
0.0557

■ 54.8568, 67.0184,
84.1733

■ 54.8568, 67.0184,
84.1733

■ 50.6209, 64.4629,
83.9044

■ 59.9315, 70.0116,
84.4847

■ 47.1705, 62.3127,
83.6713

■ 65.8825, 73.4570,
84.8361

■ 44.4556, 60.5437,
83.4729

■ 72.7523, 77.3780,
85.2308

■ 42.4181, 59.1260,
83.3066

■ 80.5788, 81.7944,
85.6708

■ 40.9910, 58.0249,
83.1693

■ 83.8589, 83.8689,
85.8983

■ 40.0936, 57.1989,
83.0572

■ 84.1187, 84.3885,
85.9849

■ 39.6642, 56.6996,
82.9834

■ 84.3799, 84.9109,
86.0720

■ 84.6424, 85.4360,
86.1595

■ 84.9064, 85.9638,
86.2475

Harmonies

Analogous

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



54.2982, 67.0184, 68.9919



54.8568, 67.0184, 84.1733



57.7179, 67.0184, 97.9125

Triad

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



54.8568, 67.0184, 84.1733



71.8980, 67.0184, 92.1358



65.1252, 67.0184, 48.1208

Complementary

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



54.8568, 67.0184, 84.1733



50.4573, 43.4790, 36.7448

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.



70.0796, 67.0184, 52.6725



54.8568, 67.0184, 84.1733



74.1266, 67.0184, 77.1016

Square

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



54.8568, 67.0184, 84.1733



67.4988, 67.0184, 102.9281



73.4437, 67.0184, 62.8107



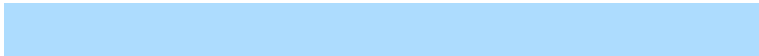
60.0445, 67.0184, 49.4769

Rectangle

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



54.8568, 67.0184, 84.1733



60.6352, 67.0184, 103.7331



73.4437, 67.0184, 62.8107



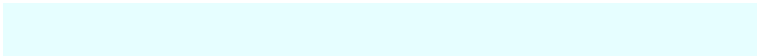
66.8642, 67.0184, 48.9858

Sweetspot

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



54.8588, 67.0211, 84.1748



85.9542, 94.8231, 108.3802



47.6640, 65.4588, 42.2318



18.1449, 20.1511, 23.1832



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.



54.8588, 67.0211, 84.1748



66.1617, 83.2197, 107.1837



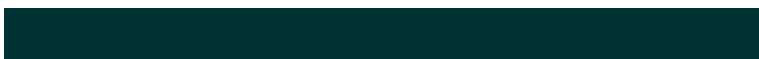
45.9744, 49.2523, 81.2134



14.7548, 16.2310, 18.4996



22.7001, 32.4622, 47.4526



1.6931, 2.4301, 3.5118

Inverse Universe

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



57.7635, 45.5933, 77.7104



70.4612, 51.8494, 97.5375



57.6266, 57.8177, 39.1346



14.9686, 14.6046, 18.0349



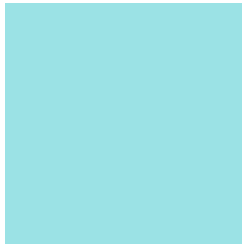
25.8515, 12.4748, 39.7083



1.9182, 0.9250, 2.9759

Previews

White Background



This preview shows how the XYZ color 54.8568, 67.0184, 84.1733 looks on a white background.

Color Contrast Check

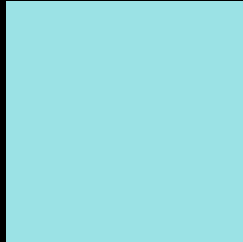
Large Text (above 18pt) WCAG AA × Fail

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 54.8568, 67.0184, 84.1733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

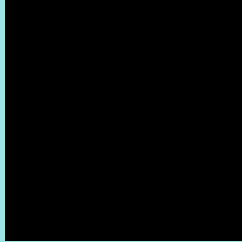
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8568, 67.0184, 84.1733

Background



This preview shows how black text looks on a background with the XYZ color 54.8568, 67.0184, 84.1733.

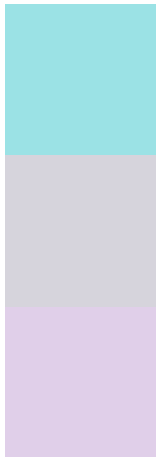


This preview shows how white text looks on a background with the XYZ color 54.8568, 67.0184,

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

54.8568, 67.0184, 84.1733

Protanopia

64.1933, 66.5504, 77.1723

Deuteranopia

67.7613, 66.3561, 86.3274



Tritanopia

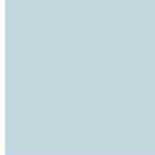
56.7832, 66.9912, 93.9422

Trichromacy



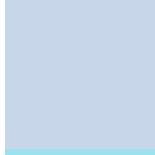
Original Color

54.8568, 67.0184, 84.1733



Protanomaly

60.1245, 66.2909, 79.4386



Deuteranomaly

62.1652, 66.0614, 85.8186



Tritanomaly

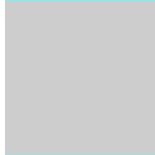
56.1159, 67.1330, 90.1211

Monochromacy



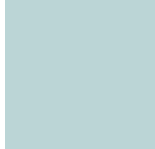
Original Color

54.8568, 67.0184, 84.1733



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

56.4254, 63.0083, 72.8062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8568, 67.0184, 84.1733 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(155, 226, 229)` looks like.

```
.text, #text, p{  
    color:rgb(155, 226, 229)  
}
```

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(155, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 226, 229) }
```

Border

The CSS property to change the border of an element to XYZ 54.8568, 67.0184, 84.1733 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(155, 226, 229) }
```


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

```
.border{ border-color:rgb(155, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 226, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 226, 229); box-shadow:4px 4px 4px 4px rgb(155, 226, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8568, 67.0184, 84.1733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 226, 229) }
```

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

```
.background{ background-color: rgb(155,  
226, 229) }
```

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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