

Converting Colors

XYZ(53.9370, 66.7126, 87.2251)

Have a look what the booklet for
XYZ(53.9370, 66.7126, 87.2251)
contains.

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Color

**XYZ(54.0311, 66.9324,
87.1623)**

Conversions

Conversions Part 1

Format	Color
Hex	92E3E9
RGB	146, 227, 233
RGB Percent	57%, 89%, 91%
CMY	0.4274, 0.1098, 0.0863
CMYK	0.37, 0.03, 0.00, 0.09
HSL	184°, 66%, 74%
HSV	184°, 37%, 91%
XYZ	54.0311, 66.9324, 87.1623
YIQ	203.4650, -50.2020, -15.3060

Conversions

Conversions Part 2

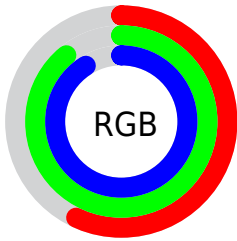
Format	Color
R_{YB}	146, 188, 233
Decimal	9626601
CIE _{Lab}	85.47, -23.17, -10.76
CIE _{LCh}	85, 25.549, 204.896
Yxy	66.9324, 0.2596, 0.3216
Android (android.graphics.Color)	4287816681 (0xFF92E3E9)
YUV	203.4650, 14.5608, -50.3968
Hunter-Lab	81.8122, -25.2850, -5.8987

Details

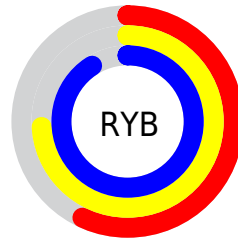
The XYZ color **54.0311, 66.9324, 87.1623** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.0217, 41.8561, 32.6381**, and the grayscale version is **56.9926, 59.9606, 65.2971**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **26.7152, 34.4738, 46.8410** is the 20% darker color. If you saturate the color by 10%, you get **49.8671, 64.1382, 86.8436**, and if you desaturate by 10%, it is **59.0472, 70.1752, 87.5250**.

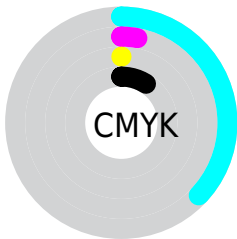
Distribution



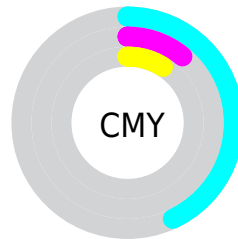
- Red (57%)
- Green (89%)
- Blue (91%)



- Red (57%)
- Yellow (74%)
- Blue (91%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (43%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0311, 66.9324, 87.1623 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 54.0311, 66.9324, 87.1623 by changing the saturation by 10% instead.

■ 54.0311, 66.9324,
87.1623

■ 54.0311, 66.9324,
87.1623

392.4250,
449.7041, 539.0861

■ 38.8573, 49.0297,
65.0691

■ 95.2765, 114.8235,
145.2912

■ 26.8290, 34.6430,
47.0654

■ 122.0789,
145.5808, 182.1640

■ 17.5807, 23.3880,
32.7327

153.4881,
181.3916, 224.8005

■ 10.7473, 14.8803,
21.6523

189.8696,
222.6405, 273.6191

■ 5.9632, 8.7354,
13.4058

231.5886,
269.7118, 329.0384

■ 2.8632, 4.5690,
7.5745

279.0107,

■ 1.0818, 1.9967,

322.9899, 391.4770

3.7401

332.5010,
382.8592, 461.3534

■ 0.0098, 0.6055,
1.4839

■ 0.0000, 0.0000,
0.2059

■ 54.0311, 66.9324,
87.1623

■ 54.0311, 66.9324,
87.1623

■ 49.8671, 64.1382,
86.8436

■ 59.0472, 70.1752,
87.5250

■ 46.4976, 61.7581,
86.5618

■ 64.9568, 73.8830,
87.9292

■ 43.8674, 59.7651,
86.3157

■ 71.8055, 78.0811,
88.3786

■ 41.9115, 58.1258,
86.1024

■ 79.6343, 82.7906,
88.8750

■ 40.5537, 56.8008,
85.9182

■ 85.6667, 86.5802,
89.2885

■ 39.6933, 55.7383,
85.7585

■ 86.1287, 87.5043,
89.4425

■ 39.5054, 55.4776,
85.7180

■ 86.5949, 88.4368,
89.5979

■ 87.0653, 89.3776,
89.7547

■ 87.5399, 90.3267,
89.9129

Harmonies

Analogous

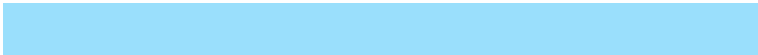
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.1465, 66.9324, 70.0743



54.0311, 66.9324, 87.1623



57.4191, 66.9324, 102.2441

Triad

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



54.0311, 66.9324, 87.1623



73.1808, 66.9324, 92.8239



64.6142, 66.9324, 45.4777

Complementary

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



54.0311, 66.9324, 87.1623



50.0217, 41.8561, 32.6381

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.



70.2461, 66.9324, 49.7535



54.0311, 66.9324, 87.1623



75.3801, 66.9324, 75.7555

Square

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



54.0311, 66.9324, 87.1623



68.4268, 66.9324, 105.8452



74.2750, 66.9324, 60.2463



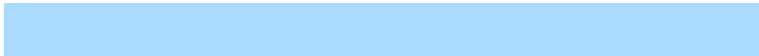
59.0385, 66.9324, 47.5836

Rectangle

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



54.0311, 66.9324, 87.1623



60.7563, 66.9324, 108.2539



74.2750, 66.9324, 60.2463



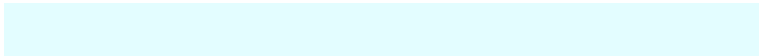
66.5666, 66.9324, 46.1944

Sweetspot

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



54.0331, 66.9350, 87.1639



84.8590, 93.8352, 108.2472



46.6454, 66.6506, 40.0278



17.9162, 19.9333, 23.1532



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.



54.0331, 66.9350, 87.1639



62.1955, 79.3935, 106.6542



43.6417, 46.1521, 83.7000



15.4236, 16.9337, 19.3779



22.4535, 31.5541, 48.6501



1.7899, 2.5313, 3.8291

Inverse Universe

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



57.7499, 43.4290, 78.0149



67.4570, 46.8102, 93.5480



58.3763, 58.5652, 35.4230



15.6674, 15.2948, 18.7997



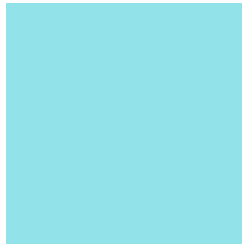
26.1888, 12.6782, 38.3912



2.0700, 1.0009, 3.0857

Previews

White Background



This preview shows how the XYZ color 54.0311, 66.9324, 87.1623 looks on a white background.

Color Contrast Check

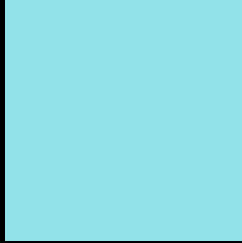
Large Text (above 18pt) WCAG AA × Fail

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 54.0311, 66.9324, 87.1623 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 54.0311, 66.9324, 87.1623

Background



This preview shows how black text looks on a background with the XYZ color 54.0311, 66.9324, 87.1623.

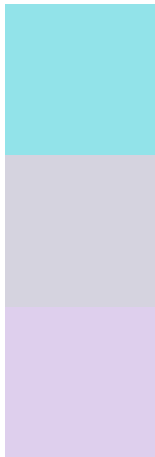


This preview shows how white text looks on a background with the XYZ color 54.0311, 66.9324,

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

54.0311, 66.9324, 87.1623

Protanopia

64.0541, 66.0624, 79.1873

Deuteranopia

67.7231, 66.2697, 89.3427



Tritanopia

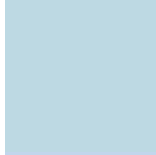
55.4973, 66.7111, 94.7455

Trichromacy



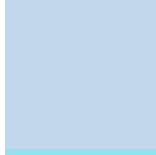
Original Color

54.0311, 66.9324, 87.1623



Protanomaly

59.6642, 65.9906, 82.2659



Deuteranomaly

61.4350, 65.6186, 88.7846



Tritanomaly

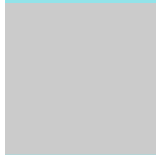
54.9891, 66.9206, 91.6801

Monochromacy



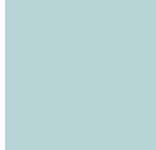
Original Color

54.0311, 66.9324, 87.1623



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.9725, 61.8871, 72.6664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0311, 66.9324, 87.1623 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(146, 227, 233) looks like.

```
.text, #text, p{  
    color:rgb(146, 227, 233)  
}
```

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(146, 227, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 227, 233) }
```

Border

The CSS property to change the border of an element to XYZ 54.0311, 66.9324, 87.1623 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(146, 227, 233) }
```


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

```
.border{ border-color:rgb(146, 227, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 227, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 227, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 227, 233);  
box-shadow:4px 4px 4px 4px rgb(146, 227,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0311, 66.9324, 87.1623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 227, 233) }
```

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

```
.background{ background-color: rgb(146,  
227, 233) }
```

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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