

Converting Colors

XYZ(54.0283, 63.6900,
104.0536)

Have a look what the booklet for
XYZ(54.0283, 63.6900, 104.0536)
contains.

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Color

**XYZ(54.1244, 63.8097,
104.0716)**

Conversions

Conversions Part 1

Format	Color
Hex	8ADCFF
RGB	138, 220, 255
RGB Percent	54%, 86%, 100%
CMY	0.4588, 0.1372, 0.0000
CMYK	0.46, 0.14, 0.00, 0.00
HSL	198°, 100%, 77%
HSV	198°, 46%, 100%
XYZ	54.1244, 63.8097, 104.0716
YIQ	199.4720, -60.1070, -6.4990

Conversions

Conversions Part 2

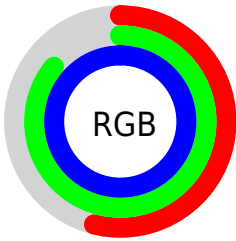
Format	Color
R _Y B	138, 186, 255
Decimal	9100543
CIE Lab	83.87, -16.03, -24.83
CIE LCh	84, 29.549, 237.156
Yxy	63.8097, 0.2438, 0.2874
Android (android.graphics.Color)	4287290623 (0xFF8ADCFF)
YUV	199.4720, 27.3753, -53.9109
Hunter-Lab	79.8810, -18.8467, -21.3283

Details

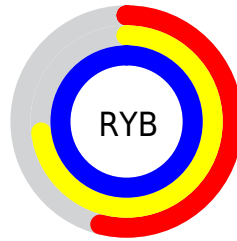
The XYZ color **54.1244, 63.8097, 104.0716** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **60.7716, 52.9827, 31.0703**, and the grayscale version is **54.4407, 57.2758, 62.3734**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **26.8726, 32.6497, 58.3118** is the 20% darker color. If you saturate the color by 10%, you get **48.4341, 57.9731, 103.2449**, and if you desaturate by 10%, it is **60.9000, 70.3442, 104.9758**.

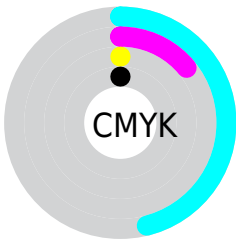
Distribution



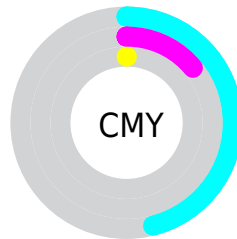
- Red (54%)
- Green (86%)
- Blue (100%)



- Red (54%)
- Yellow (73%)
- Blue (100%)



- Cyan (46%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1244, 63.8097, 104.0716 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 54.1244, 63.8097, 104.0716 by changing the saturation by 10% instead.

■ 54.1244, 63.8097,
104.0716

■ 54.1244, 63.8097,
104.0716

392.7748,
438.5021, 594.5270

■ 38.9322, 46.4966,
79.0695

■ 95.4127, 110.3368,
168.8418

■ 26.8875, 32.6378,
58.4313

■ 122.2395,
140.3196, 209.4470

■ 17.6249, 21.8492,
41.7385

153.6752,
175.2944, 256.0903

■ 10.7791, 13.7461,
28.5725

190.0852,
215.6456, 309.1902

■ 5.9847, 7.9443,
18.5149

231.8348,
261.7575, 369.1653

■ 2.8763, 4.0593,
11.1470

279.2893,

■ 1.0887, 1.7068,

314.0147, 436.4341

6.0504

332.8142,
372.8014, 511.4152

■ 0.0156, 0.4281,
2.8065

■ 0.0000, 0.0000,
0.9967

■ 54.1244, 63.8097,
104.0716

■ 54.1244, 63.8097,
104.0716

■ 48.4341, 57.9731,
103.2449

■ 60.9000, 70.3442,
104.9758

■ 43.7521, 52.7888,
102.4910

■ 68.8201, 77.6046,
105.9597

■ 39.9993, 48.2155,
101.8061

■ 77.9459, 85.6257,
107.0270

■ 37.0815, 44.2028,
101.1853

■ 88.3326, 94.4376,
108.1804

■ 34.8819, 40.6885, 95.0500, 100.0000,
100.6229 108.9000

■ 34.1146, 39.3492,
100.4049

Harmonies

Analogous

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



50.2011, 63.8097, 87.1163



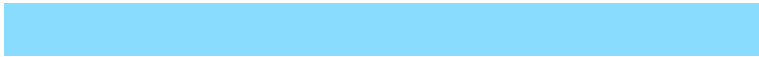
54.1244, 63.8097, 104.0716



60.0317, 63.8097, 111.6774

Triad

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



54.1244, 63.8097, 104.0716



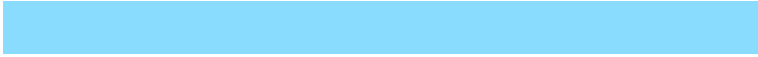
73.9985, 63.8097, 71.2676



55.1253, 63.8097, 42.2634

Complementary

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



54.1244, 63.8097, 104.0716



60.7716, 52.9827, 31.0703

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.



61.2709, 63.8097, 39.5255



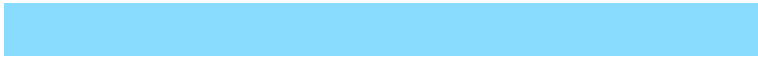
54.1244, 63.8097, 104.0716



72.4548, 63.8097, 54.3971

Square

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



54.1244, 63.8097, 104.0716



71.7595, 63.8097, 90.7394



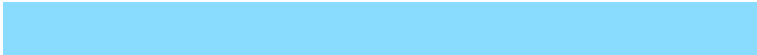
67.6784, 63.8097, 43.5503



50.7493, 63.8097, 51.8277

Rectangle

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



54.1244, 63.8097, 104.0716



64.4086, 63.8097, 109.5672



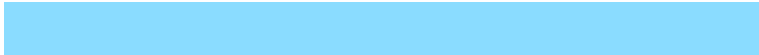
67.6784, 63.8097, 43.5503



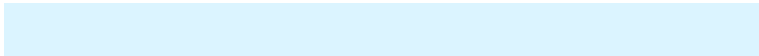
57.0390, 63.8097, 40.5976

Sweetspot

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



54.1262, 63.8120, 104.0719



79.8012, 87.2215, 107.2372



53.6074, 79.8698, 51.1958



16.6259, 18.2776, 22.9016



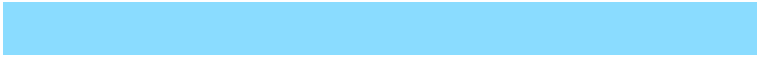
0.0000, 0.0000, 0.0000



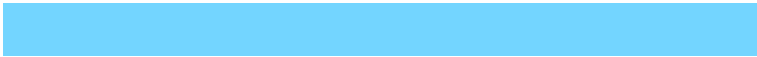
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1262, 63.8120, 104.0719



48.8936, 58.4604, 103.3148



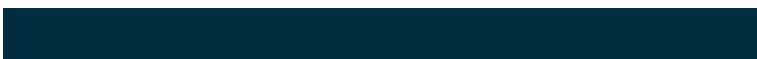
41.6921, 38.9439, 99.9273



18.0692, 19.5100, 23.0634



17.9624, 20.8345, 52.5093



1.8446, 2.2198, 5.1445

Inverse Universe

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



63.2479, 44.6059, 72.9890



59.3585, 38.2710, 67.2410



74.0276, 79.4947, 35.4889



18.5476, 18.2023, 21.5007



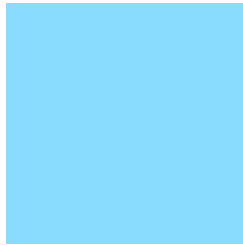
25.8548, 12.8312, 23.6836



2.5657, 1.2686, 2.5602

Previews

White Background



This preview shows how the XYZ color 54.1244, 63.8097, 104.0716 looks on a white background.

Color Contrast Check

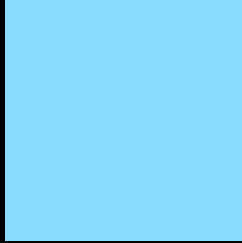
Large Text (above 18pt) WCAG AA × Fail

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 54.1244, 63.8097, 104.0716 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

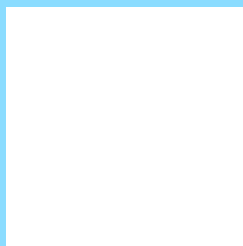
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1244, 63.8097, 104.0716

Background



This preview shows how black text looks on a background with the XYZ color 54.1244, 63.8097, 104.0716.

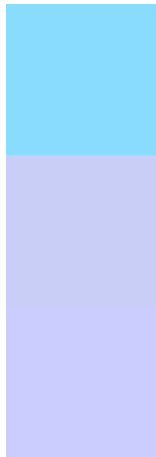


This preview shows how white text looks on a background with the XYZ color 54.1244, 63.8097,

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

54.1244, 63.8097, 104.0716

Protanopia

62.5253, 63.0758, 96.0682

Deuteranopia

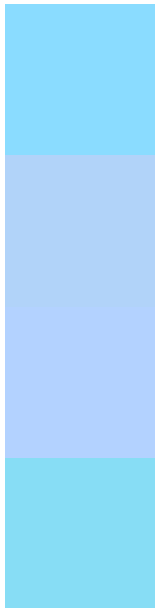
64.2715, 63.1022, 103.4002



Tritanopia

51.6810, 63.6022, 91.9906

Trichromacy



Original Color

54.1244, 63.8097, 104.0716

Protanomaly

58.5246, 62.7752, 98.6548

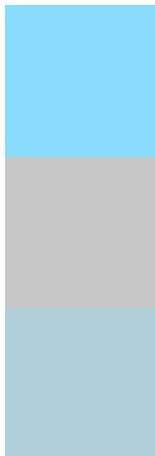
Deuteranomaly

59.6870, 62.8969, 103.6022

Tritanomaly

52.3296, 63.4564, 95.8764

Monochromacy



Original Color

54.1244, 63.8097, 104.0716

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.2305, 59.0872, 75.6173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1244, 63.8097, 104.0716 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(138, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 220, 255)  
}
```

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(138, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1244, 63.8097, 104.0716 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(138, 220, 255) }
```


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

```
.border{ border-color:rgb(138, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1244, 63.8097, 104.0716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 220, 255) }
```

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

```
.background{ background-color: rgb(138,  
220, 255) }
```

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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