

Converting Colors

XYZ(61.1907, 67.5098,
141.3006)

Have a look what the booklet for
XYZ(61.1907, 67.5098, 141.3006)
contains.

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Color

**XYZ(54.1629, 64.6134,
104.2247)**

Conversions

Conversions Part 1

Format	Color
Hex	87DEFF
RGB	135, 222, 255
RGB Percent	53%, 87%, 100%
CMY	0.4706, 0.1294, 0.0000
CMYK	0.47, 0.13, 0.00, 0.00
HSL	196°, 100%, 76%
HSV	196°, 47%, 100%
XYZ	54.1629, 64.6134, 104.2247
YIQ	199.7490, -62.4450, -8.1810

Conversions

Conversions Part 2

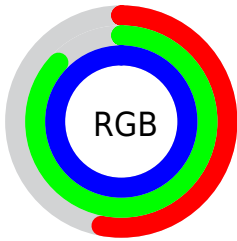
Format	Color
R_{YB}	135, 185, 255
Decimal	8904447
CIE _{Lab}	84.28, -17.73, -24.20
CIE _{LCh}	84, 30.000, 233.779
Yxy	64.6134, 0.2429, 0.2897
Android (android.graphics.Color)	4287094527 (0xFF87DEFF)
YUV	199.7490, 27.2387, -56.7849
Hunter-Lab	80.3825, -20.3933, -20.6083

Details

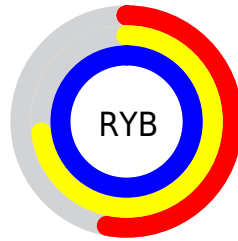
The XYZ color **54.1629, 64.6134, 104.2247** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **59.6165, 51.0153, 29.6284**, and the grayscale version is **54.6124, 57.4565, 62.5701**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **26.9134, 33.2105, 58.4179** is the 20% darker color. If you saturate the color by 10%, you get **48.7173, 59.0999, 103.4475**, and if you desaturate by 10%, it is **60.6720, 70.7930, 105.0744**.

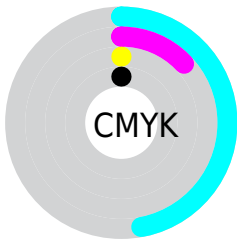
Distribution



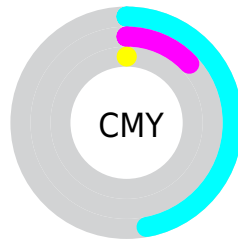
- Red (53%)
- Green (87%)
- Blue (100%)



- Red (53%)
- Yellow (73%)
- Blue (100%)



- Cyan (47%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1629, 64.6134, 104.2247 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 54.1629, 64.6134, 104.2247 by changing the saturation by 10% instead.

54.1629, 64.6134,
104.2247

54.1629, 64.6134,
104.2247

392.9191,
441.4014, 595.0162

38.9631, 47.1477,
79.1970

95.4689, 111.4939,
169.0532

26.9116, 33.1524,
58.5355

122.3058,
141.6774, 209.6910

17.6431, 22.2432,
41.8217

153.7524,
176.8690, 256.3693

10.7922, 14.0357,
28.6372

190.1741,
217.4530, 309.5065

5.9935, 8.1455,
18.5633

231.9363,
263.8138, 369.5213

2.8818, 4.1882,
11.1816

279.4043,

1.0916, 1.7794,

316.3359, 436.8322

6.0734

332.9434,
375.4036, 511.8576

■ 0.0180, 0.4743,
2.8202

■ 0.0000, 0.0000,
1.0036

■ 54.1629, 64.6134,
104.2247

■ 54.1629, 64.6134,
104.2247

■ 48.7173, 59.0999,
103.4475

■ 60.6720, 70.7930,
105.0744

■ 44.2575, 54.2068,
102.7381

■ 68.3044, 77.6666,
105.9989

■ 40.7035, 49.8928,
102.0927

■ 77.1214, 85.2686,
107.0015

■ 37.9592, 46.1071,
101.5066

■ 87.1785, 93.6288,
108.0851

■ 35.9022, 42.7850,
100.9738

95.0500, 100.0000,
108.9000

■ 35.3738, 41.8675,
100.8246

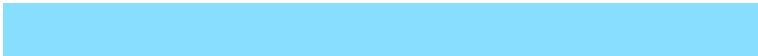
Harmonies

Analogous

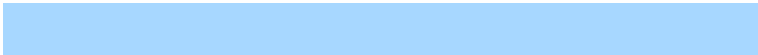
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.4392, 64.6134, 86.1757



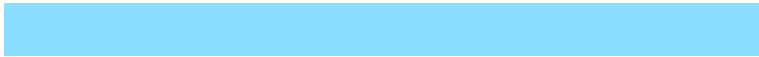
54.1629, 64.6134, 104.2247



60.0378, 64.6134, 113.3984

Triad

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



54.1629, 64.6134, 104.2247



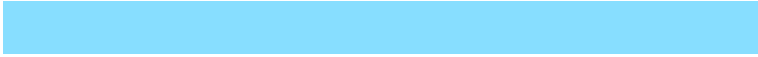
75.0219, 64.6134, 74.3966



56.4003, 64.6134, 41.8805

Complementary

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



54.1629, 64.6134, 104.2247



59.6165, 51.0153, 29.6284

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.



62.8092, 64.6134, 39.8664



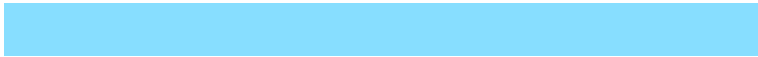
54.1629, 64.6134, 104.2247



73.8734, 64.6134, 56.5963

Square

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



54.1629, 64.6134, 104.2247



72.3171, 64.6134, 94.2868



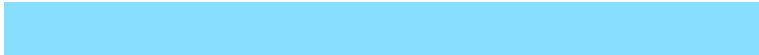
69.2830, 64.6134, 44.7521



51.6642, 64.6134, 50.8565

Rectangle

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



54.1629, 64.6134, 104.2247



64.5092, 64.6134, 112.2501



69.2830, 64.6134, 44.7521



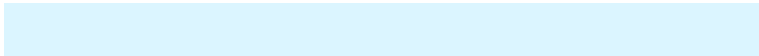
58.4177, 64.6134, 40.4431

Sweetspot

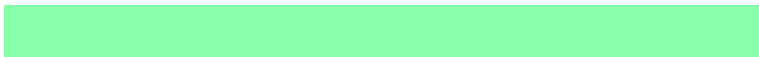
The Sweet Spot groups the original color and five complimentary colors.



54.1647, 64.6158, 104.2250



80.0616, 87.7423, 107.3240



52.7279, 79.4615, 49.1196



16.6897, 18.4051, 22.9229



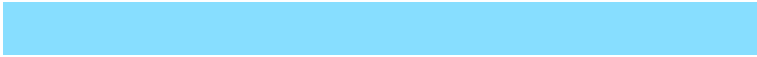
0.0000, 0.0000, 0.0000



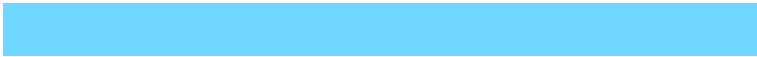
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1647, 64.6158, 104.2250



49.2450, 59.6527, 103.5264



41.1404, 38.5671, 99.8836



18.1077, 19.5871, 23.0763



18.6149, 22.1394, 52.7268



1.9039, 2.3385, 5.1643

Inverse Universe

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



63.0900, 43.8635, 74.2510



59.4164, 37.8366, 68.9562



73.0830, 77.9482, 34.1172



18.5670, 18.2101, 21.6031



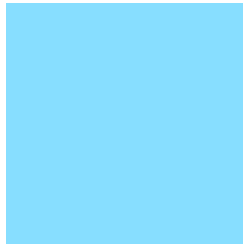
26.1842, 12.9630, 25.4179



2.5956, 1.2806, 2.7179

Previews

White Background



This preview shows how the XYZ color 54.1629, 64.6134, 104.2247 looks on a white background.

Color Contrast Check

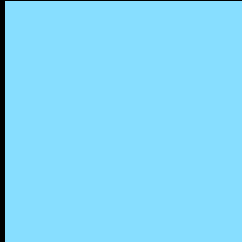
Large Text (above 18pt) WCAG AA × Fail

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 54.1629, 64.6134, 104.2247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

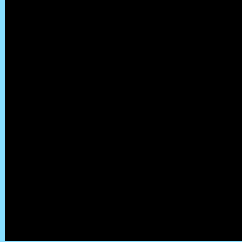
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1629, 64.6134, 104.2247

Background



This preview shows how black text looks on a background with the XYZ color 54.1629, 64.6134, 104.2247.

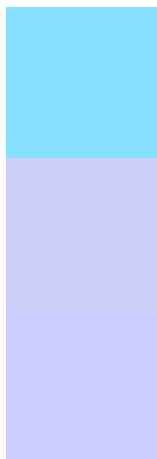


This preview shows how white text looks on a background with the XYZ color 54.1629, 64.6134,

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

54.1629, 64.6134, 104.2247

Protanopia

63.1514, 63.7748, 95.3675

Deuteranopia

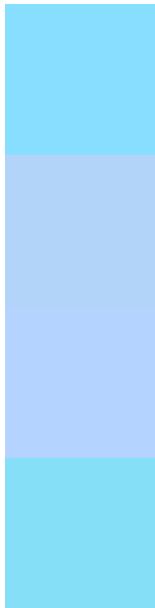
65.0582, 63.8618, 103.5054



Tritanopia

52.0427, 64.5474, 93.7204

Trichromacy



Original Color

54.1629, 64.6134, 104.2247

Protanomaly

59.0025, 63.3915, 98.7486

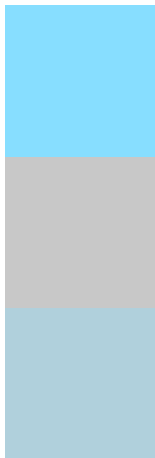
Deuteranomaly

60.1667, 63.5118, 103.6956

Tritanomaly

52.6919, 64.3963, 97.6483

Monochromacy



Original Color

54.1629, 64.6134, 104.2247

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.3786, 59.5092, 76.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1629, 64.6134, 104.2247 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(135, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(135, 222, 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(135, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1629, 64.6134, 104.2247 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(135, 222, 255) }
```


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

```
.border{ border-color:rgb(135, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(135, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1629, 64.6134, 104.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 222, 255) }
```

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

```
.background{ background-color: rgb(135,  
222, 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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