

Converting Colors

XYZ(52.8785, 63.7733,
104.1302)

Have a look what the booklet for
XYZ(52.8785, 63.7733, 104.1302)
contains.

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Color

**XYZ(53.0734, 64.0517,
104.1737)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 80DEFF |
| RGB | 128, 222, 255 |
| RGB Percent | 50%, 87%, 100% |
| CMY | 0.4980, 0.1294, 0.0000 |
| CMYK | 0.50, 0.13, 0.00, 0.00 |
| HSL | 196°, 100%, 75% |
| HSV | 196°, 50%, 100% |
| XYZ | 53.0734, 64.0517, 104.1737 |
| YIQ | 197.6560, -66.6170, -9.6650 |

Conversions

Conversions Part 2

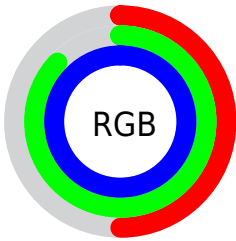
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 128, 182, 255 |
| Decimal | 8445695 |
| CIE Lab | 83.99, -19.27, -24.67 |
| CIE LCh | 84, 31.306, 232.010 |
| Yxy | 64.0517, 0.2398, 0.2894 |
| Android (android.graphics.Color) | 4286635775 (0xFF80DEFF) |
| YUV | 197.6560, 28.2706, -61.0883 |
| Hunter-Lab | 80.0323, -21.6843, -21.1520 |

Details

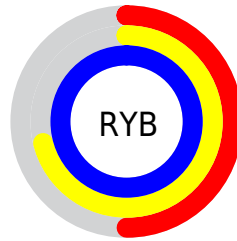
The XYZ color **53.0734, 64.0517, 104.1737** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **57.8821, 48.3095, 26.6982**, and the grayscale version is **53.3325, 56.1100, 61.1037**.

A 20% lighter version of the original color is **74.3035, 89.3048, 107.9291**, and **26.2585, 32.8729, 58.3872** is the 20% darker color. If you saturate the color by 10%, you get **47.9838, 58.8679, 103.4414**, and if you desaturate by 10%, it is **59.1994, 69.8752, 104.9749**.

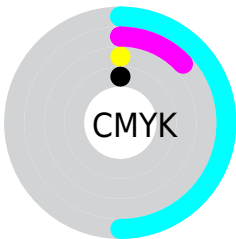
Distribution



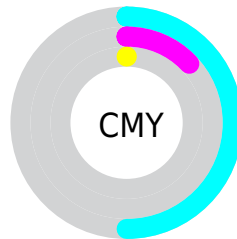
- Red (50%)
- Green (87%)
- Blue (100%)



- Red (50%)
- Yellow (71%)
- Blue (100%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0734, 64.0517, 104.1737 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 53.0734, 64.0517, 104.1737 by changing the saturation by 10% instead.

53.0734, 64.0517,
104.1737

53.0734, 64.0517,
104.1737

388.8229,
439.3763, 594.8532

38.0891, 46.6925,
79.1545

93.8773, 110.6854,
168.9828

26.2294, 32.7927,
58.5008

120.4275,
140.7287, 209.6097

17.1289, 21.9677,
41.7940

151.5638,
175.7689, 256.2764

10.4223, 13.8331,
28.6157

187.6514,
216.1903, 309.4012

5.7442, 8.0047,
18.5472

229.0558,
262.3774, 369.4027

2.7294, 4.0980,
11.1701

276.1423,

1.0123, 1.7285,

314.7145, 436.6996

6.0657

329.2762,
373.5860, 511.7102

■ 0.0000, 0.4420,
2.8157

■ 0.0000, 0.0000,
1.0013

■ 53.0734, 64.0517,
104.1737

■ 53.0734, 64.0517,
104.1737

■ 47.9838, 58.8679,
103.4414

■ 59.1994, 69.8752,
104.9749

■ 43.8508, 54.2774,
102.7731

■ 66.4232, 76.3671,
105.8472

■ 40.5911, 50.2375,
102.1652

■ 74.8074, 83.5621,
106.7941

■ 38.1037, 46.6947,
101.6124

■ 84.4083, 91.4904,
107.8184

■ 36.2271, 43.5648,
101.1072

95.0500, 100.0000,
108.9000

■ 36.1925, 43.5050,
101.0975

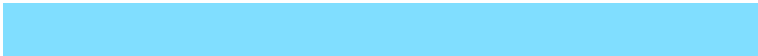
Harmonies

Analogous

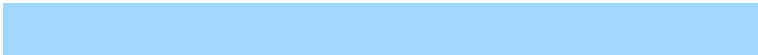
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.3898, 64.0517, 84.9709



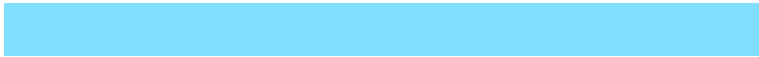
53.0734, 64.0517, 104.1737



59.0539, 64.0517, 114.5364

Triad

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



53.0734, 64.0517, 104.1737



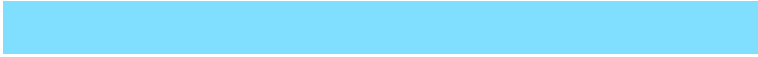
74.9840, 64.0517, 75.1567



56.0416, 64.0517, 40.1151

Complementary

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



53.0734, 64.0517, 104.1737



57.8821, 48.3095, 26.6982

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.



62.7418, 64.0517, 38.4778



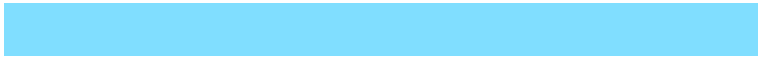
53.0734, 64.0517, 104.1737



74.0251, 64.0517, 56.4499

Square

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



53.0734, 64.0517, 104.1737



71.9443, 64.0517, 95.8378



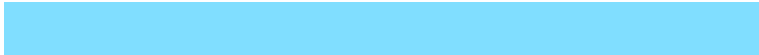
69.4152, 64.0517, 43.8795



51.0112, 64.0517, 48.8726

Rectangle

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



53.0734, 64.0517, 104.1737



63.6816, 64.0517, 113.8933



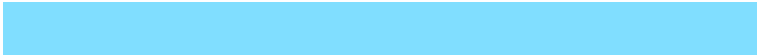
69.4152, 64.0517, 43.8795



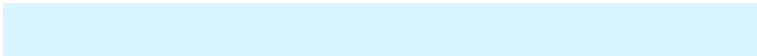
58.1603, 64.0517, 38.7900

Sweetspot

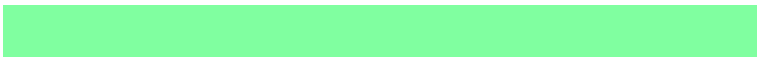
The Sweet Spot groups the original color and five complimentary colors.



53.0752, 64.0540, 104.1740



79.2620, 87.2755, 107.2760



50.9868, 78.6392, 45.6369



16.5392, 18.3271, 22.9157



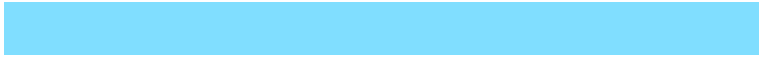
0.0000, 0.0000, 0.0000



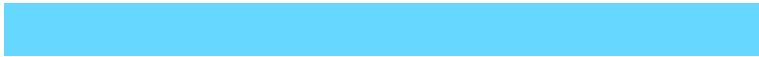
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0752, 64.0540, 104.1740



47.8927, 58.7711, 103.4275



39.4814, 36.8664, 99.6428



18.1320, 19.6356, 23.0843



19.0388, 22.9872, 52.8681



1.9423, 2.4153, 5.1771

Inverse Universe

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



62.1453, 41.9741, 73.9360



58.2888, 35.6817, 68.2710



71.5917, 75.7286, 31.2681



18.5793, 18.2150, 21.6675



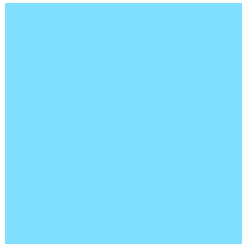
26.3981, 13.0485, 26.5447



2.6150, 1.2884, 2.8199

Previews

White Background



This preview shows how the XYZ color 53.0734, 64.0517, 104.1737 looks on a white background.

Color Contrast Check

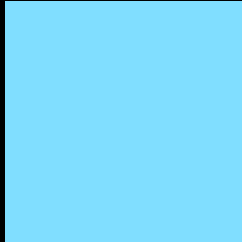
Large Text (above 18pt) WCAG AA × Fail

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 53.0734, 64.0517, 104.1737 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 53.0734, 64.0517, 104.1737

Background



This preview shows how black text looks on a background with the XYZ color 53.0734, 64.0517, 104.1737.

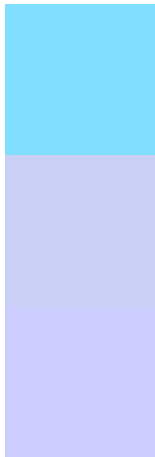


This preview shows how white text looks on a background with the XYZ color 53.0734, 64.0517,

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

53.0734, 64.0517, 104.1737

Protanopia

62.8816, 63.6357, 95.3549

Deuteranopia

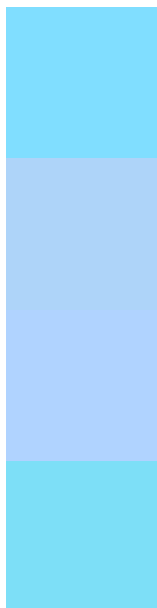
64.5099, 63.5792, 103.4797



Tritanopia

50.9948, 64.0072, 93.6713

Trichromacy



Original Color

53.0734, 64.0517, 104.1737

Protanomaly

58.0979, 62.9252, 98.7062

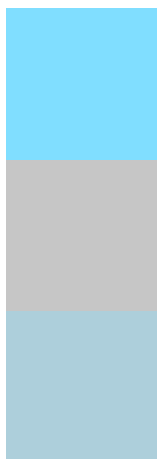
Deuteranomaly

59.2488, 63.0386, 103.6527

Tritanomaly

51.6336, 63.8507, 97.5987

Monochromacy



Original Color

53.0734, 64.0517, 104.1737

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.3326, 58.6244, 75.5752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0734, 64.0517, 104.1737 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(128, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.0734, 64.0517, 104.1737 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(128, 222, 255) }
```


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

```
.border{ border-color:rgb(128, 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(128, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0734, 64.0517, 104.1737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 222, 255) }
```

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

```
.background{ background-color: rgb(128,  
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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