

Converting Colors

XYZ(57.3563, 66.6440,
104.4483)

Have a look what the booklet for
XYZ(57.3563, 66.6440, 104.4483)
contains.

XYZ(57.3866, 66.6708, 104.4519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.3866, 66.6708,
104.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	98DFFF
RGB	152, 223, 255
RGB Percent	60%, 87%, 100%
CMY	0.4039, 0.1255, 0.0000
CMYK	0.40, 0.13, 0.00, 0.00
HSL	199°, 100%, 80%
HSV	199°, 40%, 100%
XYZ	57.3866, 66.6708, 104.4519
YIQ	205.4190, -52.5880, -5.1000

Conversions

Conversions Part 2

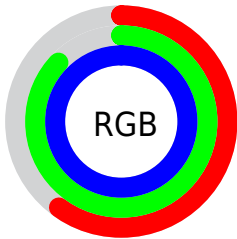
Format	Color
R_{YB}	152, 194, 255
Decimal	10018815
CIE _{Lab}	85.34, -14.20, -22.53
CIE _{LCh}	85, 26.632, 237.775
Yxy	66.6708, 0.2511, 0.2918
Android (android.graphics.Color)	4288208895 (0xFF98DFFF)
YUV	205.4190, 24.4434, -46.8485
Hunter-Lab	81.6522, -17.4384, -18.6890

Details

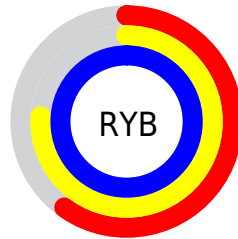
The XYZ color **57.3866, 66.6708, 104.4519** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **64.0485, 57.8084, 37.4901**, and the grayscale version is **58.1699, 61.1993, 66.6460**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **28.9150, 34.5154, 58.5642** is the 20% darker color. If you saturate the color by 10%, you get **51.0502, 60.3368, 103.5633**, and if you desaturate by 10%, it is **64.8517, 73.7367, 105.4223**.

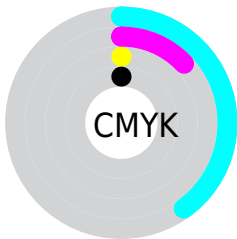
Distribution



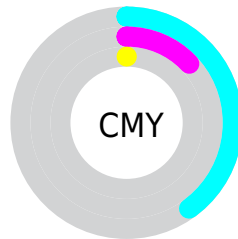
- Red (60%)
- Green (87%)
- Blue (100%)



- Red (60%)
- Yellow (76%)
- Blue (100%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3866, 66.6708, 104.4519 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 57.3866, 66.6708, 104.4519 by changing the saturation by 10% instead.

57.3866, 66.6708,
104.4519

57.3866, 66.6708,
104.4519

404.8872,
448.7721, 595.7417

41.5571, 48.8171,
79.3862

100.1572,
114.4486, 169.3668

28.9442, 34.4744,
58.6902

127.8289,
145.1415, 210.0531

19.1827, 23.2583,
41.9454

160.1788,
180.8829, 256.7832

11.9071, 14.7844,
28.7333

197.5721,
222.0573, 309.9758

6.7522, 8.6682,
18.6353

240.3742,
269.0490, 370.0495

3.3526, 4.5254,
11.2329

288.9506,

1.3428, 1.9716,

322.2425, 437.4226

6.1076

343.6664,
382.0220, 512.5138

■ 0.2149, 0.5909,
2.8408

■ 0.0000, 0.0000,
1.0139

■ 57.3866, 66.6708,
104.4519

■ 57.3866, 66.6708,
104.4519

■ 51.0502, 60.3368,
103.5633

■ 64.8517, 73.7367,
105.4223

■ 45.7691, 54.6904,
102.7518

■ 73.5017, 81.5608,
106.4766

■ 41.4697, 49.6931,
102.0138

■ 83.3954, 90.1770,
107.6182

■ 38.0656, 45.2983,
101.3449

■ 94.5861, 99.6145,
108.8500

■ 35.4539, 41.4507, 95.0500, 100.0000,
100.7399 108.9000

■ 33.5328, 38.1856,
100.2109

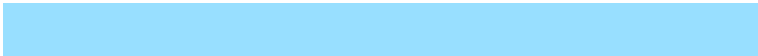
Harmonies

Analogous

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



53.6565, 66.6708, 89.1871



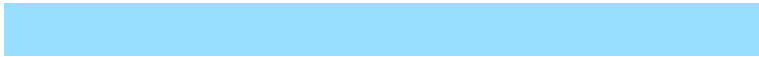
57.3866, 66.6708, 104.4519



62.9197, 66.6708, 111.0723

Triad

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



57.3866, 66.6708, 104.4519



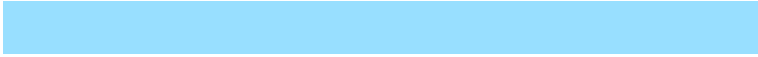
75.6707, 66.6708, 73.8895



58.1192, 66.6708, 47.0054

Complementary

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



57.3866, 66.6708, 104.4519



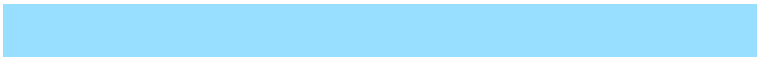
64.0485, 57.8084, 37.4901

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.



63.8197, 66.6708, 44.2185



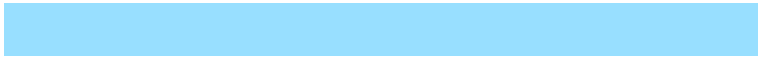
57.3866, 66.6708, 104.4519



74.1872, 66.6708, 58.1968

Square

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



57.3866, 66.6708, 104.4519



73.6885, 66.6708, 91.7722



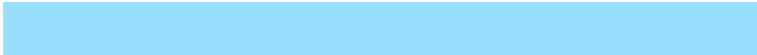
69.7525, 66.6708, 47.9766



54.0602, 66.6708, 56.2917

Rectangle

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



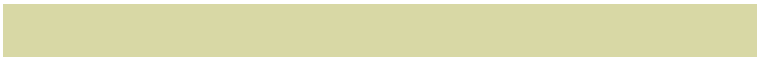
57.3866, 66.6708, 104.4519



66.9733, 66.6708, 109.0142



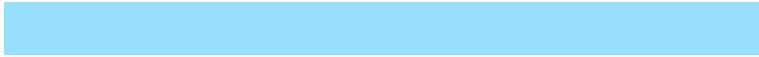
69.7525, 66.6708, 47.9766



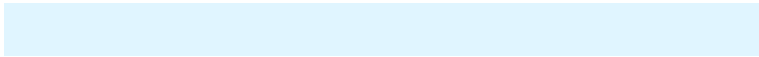
59.8956, 66.6708, 45.3488

Sweetspot

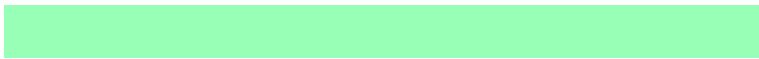
The Sweet Spot groups the original color and five complimentary colors.



57.3885, 66.6733, 104.4523



81.7166, 88.7354, 107.4285



57.2469, 81.6107, 57.4822



17.2044, 18.7459, 22.9615



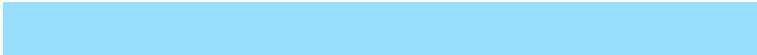
0.0000, 0.0000, 0.0000



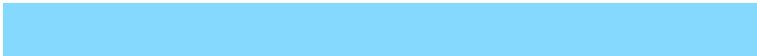
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3885, 66.6733, 104.4523



52.4664, 61.7873, 103.7686



45.8674, 43.6312, 100.6119



18.0509, 19.4733, 23.0573



17.6607, 20.2310, 52.4087



1.8170, 2.1646, 5.1353

Inverse Universe

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



65.7888, 49.0459, 75.8142



62.0941, 42.9342, 70.6435



76.4450, 82.6013, 41.6223



18.5383, 18.1986, 21.4519



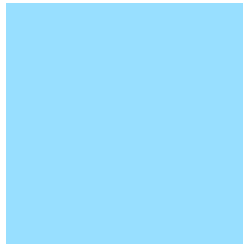
25.7025, 12.7703, 22.8817



2.5517, 1.2631, 2.4868

Previews

White Background



This preview shows how the XYZ color 57.3866, 66.6708, 104.4519 looks on a white background.

Color Contrast Check

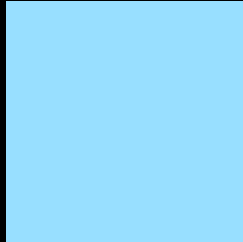
Large Text (above 18pt) WCAG AA × Fail

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 57.3866, 66.6708, 104.4519 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 57.3866, 66.6708, 104.4519

Background



This preview shows how black text looks on a background with the XYZ color 57.3866, 66.6708, 104.4519.

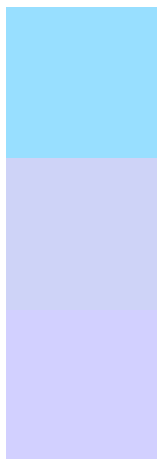


This preview shows how white text looks on a background with the XYZ color 57.3866, 66.6708,

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

57.3866, 66.6708, 104.4519

Protanopia

65.5364, 66.4257, 97.3630

Deuteranopia

67.1842, 66.0334, 103.8125



Tritanopia

55.4973, 66.7111, 94.7455

Trichromacy



Original Color

57.3866, 66.6708, 104.4519

Protanomaly

61.8055, 65.9421, 99.9131

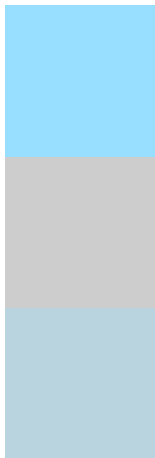
Deuteranomaly

62.8305, 65.6273, 103.9636

Tritanomaly

56.0218, 66.5107, 97.8809

Monochromacy



Original Color

57.3866, 66.6708, 104.4519

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1125, 62.8538, 78.9339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3866, 66.6708, 104.4519 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(152, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 223, 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(152, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.3866, 66.6708, 104.4519 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(152, 223, 255) }
```


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

```
.border{ border-color:rgb(152, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3866, 66.6708, 104.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 223, 255) }
```

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

```
.background{ background-color: rgb(152,  
223, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor