

Converting Colors

XYZ(57.5811, 67.0581,
104.5164)

Have a look what the booklet for
XYZ(57.5811, 67.0581, 104.5164)
contains.

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Color

**XYZ(57.6545, 67.2067,
104.5412)**

Conversions

Conversions Part 1

Format	Color
Hex	98E0FF
RGB	152, 224, 255
RGB Percent	60%, 88%, 100%
CMY	0.4039, 0.1216, 0.0000
CMYK	0.40, 0.12, 0.00, 0.00
HSL	198°, 100%, 80%
HSV	198°, 40%, 100%
XYZ	57.6545, 67.2067, 104.5412
YIQ	206.0060, -52.8630, -5.6230

Conversions

Conversions Part 2

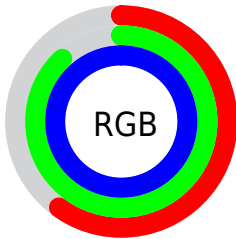
Format	Color
R_{YB}	152, 194, 255
Decimal	10019071
CIE _{Lab}	85.61, -14.71, -22.12
CIE _{LCh}	86, 26.565, 236.371
Yxy	67.2067, 0.2513, 0.2930
Android (android.graphics.Color)	4288209151 (0xFF98E0FF)
YUV	206.0060, 24.1540, -47.3633
Hunter-Lab	81.9797, -17.9294, -18.2213

Details

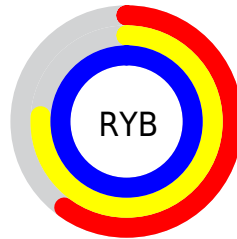
The XYZ color **57.6545, 67.2067, 104.5412** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **63.8414, 57.3943, 37.4210**, and the grayscale version is **58.5463, 61.5952, 67.0772**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **29.1003, 34.8860, 58.6260** is the 20% darker color. If you saturate the color by 10%, you get **51.3692, 60.9749, 103.6696**, and if you desaturate by 10%, it is **65.0626, 74.1585, 105.4926**.

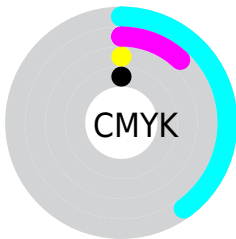
Distribution



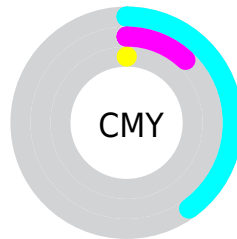
- Red (60%)
- Green (88%)
- Blue (100%)



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



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6545, 67.2067, 104.5412 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 57.6545, 67.2067, 104.5412 by changing the saturation by 10% instead.

■ 57.6545, 67.2067,
104.5412

■ 57.6545, 67.2067,
104.5412

405.8719,
450.6802, 596.0267

■ 41.7731, 49.2526,
79.4605

■ 100.5454,
115.2165, 169.4901

■ 29.1140, 34.8199,
58.7510

■ 128.2857,
146.0411, 210.1953

■ 19.3118, 23.5242,
41.9940

160.7096,
181.9246, 256.9459

■ 12.0011, 14.9810,
28.7711

198.1826,
223.2514, 310.1602

■ 6.8167, 8.8061,
18.6636

241.0700,
270.4060, 370.2570

■ 3.3930, 4.6149,
11.2531

289.7371,

■ 1.3648, 2.0231,

323.7728, 437.6546

6.1210

344.5493,
383.7360, 512.7717

■ 0.2310, 0.6209,
2.8488

■ 0.0000, 0.0000,
1.0180

■ 57.6545, 67.2067,
104.5412

■ 57.6545, 67.2067,
104.5412

■ 51.3692, 60.9749,
103.6696

■ 65.0626, 74.1585,
105.4926

■ 46.1334, 55.4191,
102.8732

■ 73.6494, 81.8565,
106.5259

■ 41.8736, 50.5010,
102.1484

■ 83.4739, 90.3341,
107.6444

■ 38.5036, 46.1742,
101.4909

94.5891, 99.6206,
108.8511

■ 35.9205, 42.3839,
100.8954

95.0500, 100.0000,
108.9000

■ 34.0220, 39.1639,
100.3740

Harmonies

Analogous

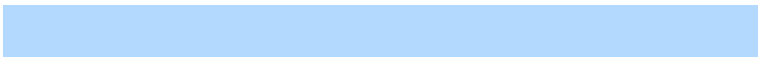
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.0197, 67.2067, 88.9812



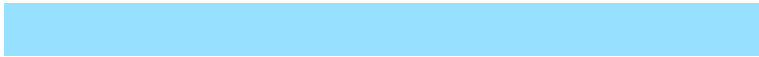
57.6545, 67.2067, 104.5412



63.1450, 67.2067, 111.6800

Triad

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



57.6545, 67.2067, 104.5412



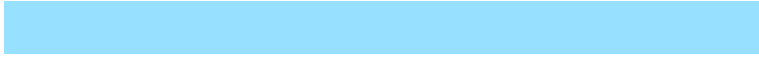
76.1945, 67.2067, 75.3041



58.8529, 67.2067, 47.2203

Complementary

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



57.6545, 67.2067, 104.5412



63.8414, 57.3943, 37.4210

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.



64.6165, 67.2067, 44.7285



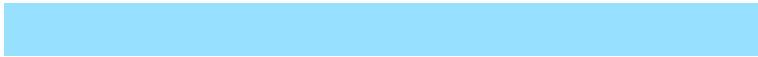
57.6545, 67.2067, 104.5412



74.8681, 67.2067, 59.3640

Square

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



57.6545, 67.2067, 104.5412



74.0532, 67.2067, 93.2041



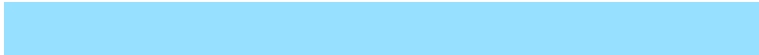
70.5339, 67.2067, 48.8113



54.6803, 67.2067, 56.2457

Rectangle

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



57.6545, 67.2067, 104.5412



67.2104, 67.2067, 109.9881



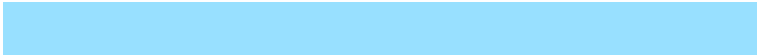
70.5339, 67.2067, 48.8113



60.6575, 67.2067, 45.6589

Sweetspot

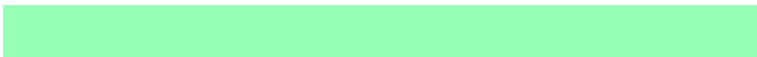
The Sweet Spot groups the original color and five complimentary colors.



57.6564, 67.2092, 104.5416



81.8068, 88.9158, 107.4585



57.2468, 81.6107, 57.4820



17.2257, 18.7885, 22.9686



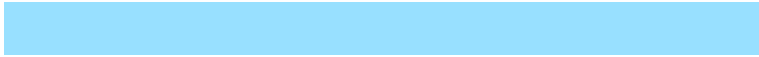
0.0000, 0.0000, 0.0000



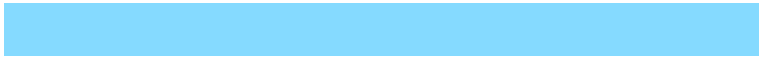
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6564, 67.2092, 104.5416



52.7739, 62.4021, 103.8711



45.8673, 43.6311, 100.6119



18.0663, 19.5043, 23.0624



17.9144, 20.7384, 52.4933



1.8402, 2.2111, 5.1431

Inverse Universe

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



65.9240, 49.0999, 76.5264



62.2493, 42.9963, 71.4606



76.4449, 82.6013, 41.6221



18.5461, 18.2018, 21.4930



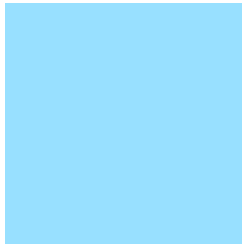
25.8306, 12.8215, 23.5560



2.5634, 1.2678, 2.5485

Previews

White Background



This preview shows how the XYZ color 57.6545, 67.2067, 104.5412 looks on a white background.

Color Contrast Check

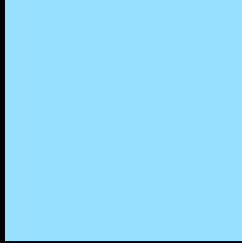
Large Text (above 18pt) WCAG AA × Fail

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 57.6545, 67.2067, 104.5412 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

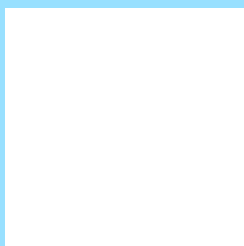
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6545, 67.2067, 104.5412

Background



This preview shows how black text looks on a background with the XYZ color 57.6545, 67.2067, 104.5412.

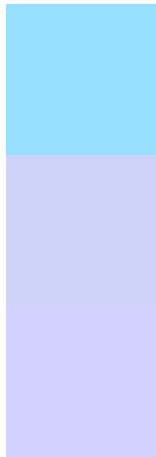


This preview shows how white text looks on a background with the XYZ color 57.6545, 67.2067,

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

57.6545, 67.2067, 104.5412

Protanopia

65.8149, 66.5693, 97.3760

Deuteranopia

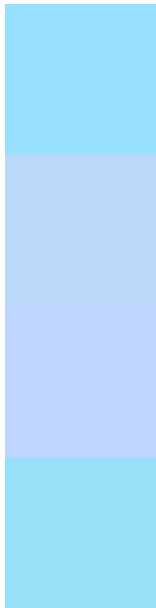
67.7144, 66.6698, 103.9074



Tritanopia

55.9199, 67.3139, 95.6335

Trichromacy



Original Color

57.6545, 67.2067, 104.5412

Protanomaly

62.3047, 66.5787, 100.0096

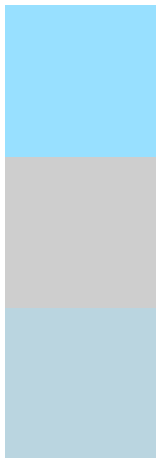
Deuteranomaly

63.3318, 66.2603, 104.0593

Tritanomaly

56.4462, 67.1118, 98.7858

Monochromacy



Original Color

57.6545, 67.2067, 104.5412

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.4985, 63.4094, 79.7298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6545, 67.2067, 104.5412 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, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 224, 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, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.6545, 67.2067, 104.5412 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, 224, 255) }
```


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

```
.border{ border-color:rgb(152, 224, 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, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6545, 67.2067, 104.5412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 224, 255) }
```

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

```
.background{ background-color: rgb(152,  
224, 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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