

Converting Colors

XYZ(57.6099, 70.0361,
105.0897)

Have a look what the booklet for
XYZ(57.6099, 70.0361, 105.0897)
contains.

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Color

**XYZ(57.6104, 70.0345,
105.0894)**

Conversions

Conversions Part 1

Format	Color
Hex	8DE7FF
RGB	141, 231, 255
RGB Percent	55%, 91%, 100%
CMY	0.4470, 0.0941, 0.0000
CMYK	0.45, 0.09, 0.00, 0.00
HSL	193°, 100%, 78%
HSV	193°, 45%, 100%
XYZ	57.6104, 70.0345, 105.0894
YIQ	206.8260, -61.3440, -11.6160

Conversions

Conversions Part 2

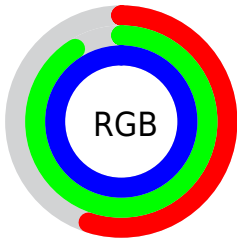
Format	Color
R_{YB}	141, 191, 255
Decimal	9299967
CIE _{Lab}	87.01, -20.88, -20.04
CIE _{LCh}	87, 28.940, 223.826
Yxy	70.0345, 0.2475, 0.3009
Android (android.graphics.Color)	4287490047 (0xFF8DE7FF)
YUV	206.8260, 23.7498, -57.7294
Hunter-Lab	83.6866, -23.5710, -15.8727

Details

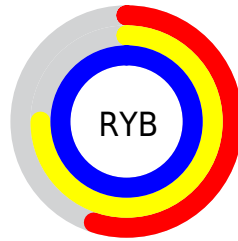
The XYZ color **57.6104, 70.0345, 105.0894** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.5035, 50.0940, 31.7342**, and the grayscale version is **59.0783, 62.1549, 67.6867**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **29.0027, 36.5310, 58.9487** is the 20% darker color. If you saturate the color by 10%, you get **52.2843, 65.0941, 104.4165**, and if you desaturate by 10%, it is **63.9845, 75.5868, 105.8251**.

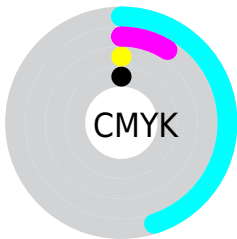
Distribution



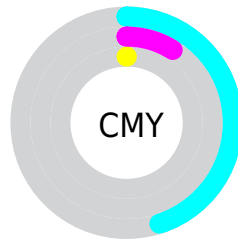
- Red (55%)
- Green (91%)
- Blue (100%)



- Red (55%)
- Yellow (75%)
- Blue (100%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6104, 70.0345, 105.0894 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 57.6104, 70.0345, 105.0894 by changing the saturation by 10% instead.

57.6104, 70.0345,
105.0894

57.6104, 70.0345,
105.0894

405.7099,
460.6711, 597.7749

41.7376, 51.5547,
79.9172

100.4815,
119.2580, 170.2464

29.0861, 36.6502,
59.1244

128.2105,
150.7704, 211.0683

19.2905, 24.9368,
42.2926

160.6223,
187.3957, 257.9438

11.9857, 16.0300,
29.0032

198.0821,
229.5185, 311.2915

6.8060, 9.5454,
18.8377

240.9555,
277.5230, 371.5299

3.3863, 5.0986,
11.3774

289.6077,

1.3612, 2.3052,

331.7937, 439.0776

6.2039

344.4040,
392.7149, 514.3531

■ 0.2283, 0.7765,
2.8987

■ 0.0000, 0.0000,
1.0431

■ 57.6104, 70.0345,
105.0894

■ 57.6104, 70.0345,
105.0894

■ 52.2843, 65.0941,
104.4165

■ 63.9845, 75.5868,
105.8251

■ 47.9306, 60.7212,
103.8019

■ 71.4641, 81.7764,
106.6256

■ 44.4724, 56.8771,
103.2422

■ 80.1092, 88.6364,
107.4941

■ 41.8182, 53.5141,
102.7329

■ 89.9737, 96.1951,
108.4331

■ 39.8555, 50.5735, 95.0500, 100.0000,
102.2688 108.9000

■ 39.0117, 49.1435,
102.0372

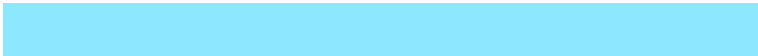
Harmonies

Analogous

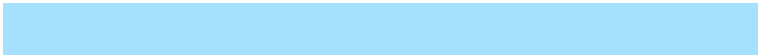
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.7104, 70.0345, 85.5148



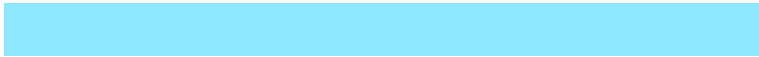
57.6104, 70.0345, 105.0894



63.0056, 70.0345, 117.9499

Triad

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



57.6104, 70.0345, 105.0894



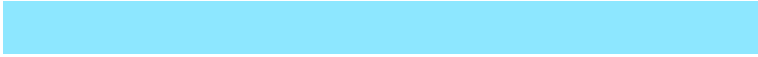
79.8647, 70.0345, 87.1172



63.5036, 70.0345, 45.4853

Complementary

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



57.6104, 70.0345, 105.0894



59.5035, 50.0940, 31.7342

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.



70.2574, 70.0345, 45.7660



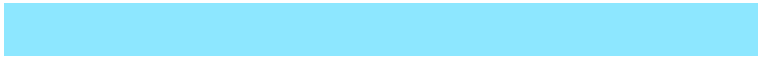
57.6104, 70.0345, 105.0894



80.0207, 70.0345, 67.6903

Square

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



57.6104, 70.0345, 105.0894



75.9913, 70.0345, 106.4327



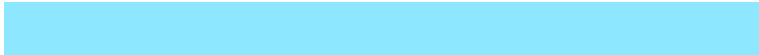
76.4040, 70.0345, 53.2466



57.9536, 70.0345, 52.4010

Rectangle

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



57.6104, 70.0345, 105.0894



67.4379, 70.0345, 119.8218



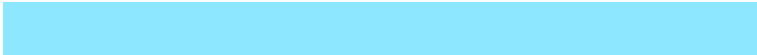
76.4040, 70.0345, 53.2466



65.7010, 70.0345, 44.7825

Sweetspot

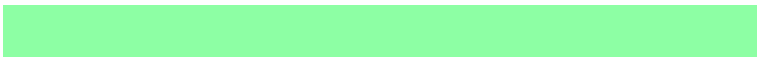
The Sweet Spot groups the original color and five complimentary colors.



57.6123, 70.0371, 105.0898



81.7024, 89.8741, 107.6490



53.4285, 79.8564, 47.6271



17.0474, 18.8944, 22.9984



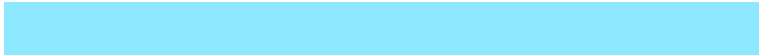
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.6123, 70.0371, 105.0898



52.6266, 65.4229, 104.4619



44.4050, 43.6224, 100.6873



18.2112, 19.7940, 23.1107



20.4967, 25.9030, 53.3541



2.0731, 2.6769, 5.2207

Inverse Universe

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



65.1900, 46.0810, 81.0627



61.3657, 39.5443, 76.3599



71.8522, 74.7914, 35.8504



18.6192, 18.2310, 21.8781



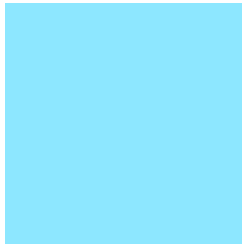
27.1340, 13.3429, 30.4198



2.6810, 1.3148, 3.1676

Previews

White Background



This preview shows how the XYZ color 57.6104, 70.0345, 105.0894 looks on a white background.

Color Contrast Check

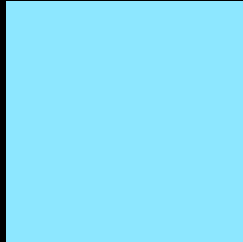
Large Text (above 18pt) WCAG AA × Fail

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 57.6104, 70.0345, 105.0894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

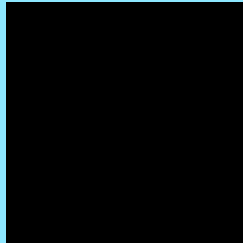
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6104, 70.0345, 105.0894

Background



This preview shows how black text looks on a background with the XYZ color 57.6104, 70.0345, 105.0894.

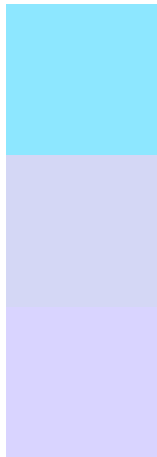


This preview shows how white text looks on a background with the XYZ color 57.6104, 70.0345,

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

57.6104, 70.0345, 105.0894

Protanopia

67.9332, 69.1905, 96.1608

Deuteranopia

70.2088, 69.0587, 104.2370



Tritanopia

56.9271, 70.1908, 100.9903

Trichromacy



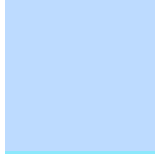
Original Color

57.6104, 70.0345, 105.0894



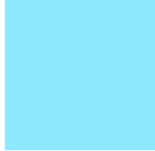
Protanomaly

63.2050, 68.9916, 99.6080



Deuteranomaly

64.3678, 68.7019, 104.4760



Tritanomaly

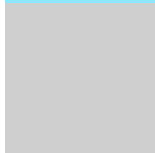
57.2425, 70.3169, 102.6510

Monochromacy



Original Color

57.6104, 70.0345, 105.0894



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

57.5389, 64.5608, 79.9499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6104, 70.0345, 105.0894 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(141, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 231, 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(141, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.6104, 70.0345, 105.0894 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(141, 231, 255) }
```


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

```
.border{ border-color:rgb(141, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6104, 70.0345, 105.0894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 231, 255) }
```

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

```
.background{ background-color: rgb(141,  
231, 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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