

Converting Colors

XYZ(57.6197, 69.5950,
105.0040)

Have a look what the booklet for
XYZ(57.6197, 69.5950, 105.0040)
contains.

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Color

**XYZ(57.6745, 69.6533,
105.0124)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE6FF
RGB	143, 230, 255
RGB Percent	56%, 90%, 100%
CMY	0.4392, 0.0980, 0.0000
CMYK	0.44, 0.10, 0.00, 0.00
HSL	193°, 100%, 78%
HSV	193°, 44%, 100%
XYZ	57.6745, 69.6533, 105.0124
YIQ	206.8370, -59.8770, -10.6690

Conversions

Conversions Part 2

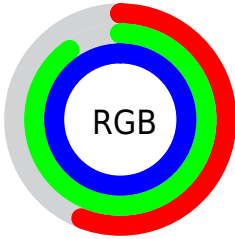
Format	Color
R_{YB}	143, 192, 255
Decimal	9430783
CIE _{Lab}	86.83, -19.91, -20.31
CIE _{LCh}	87, 28.447, 225.570
Yxy	69.6533, 0.2482, 0.2998
Android (android.graphics.Color)	4287620863 (0xFF8FE6FF)
YUV	206.8370, 23.7444, -55.9850
Hunter-Lab	83.4586, -22.6990, -16.1811

Details

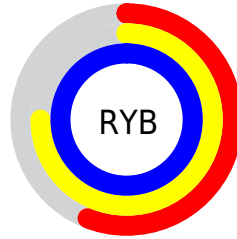
The XYZ color **57.6745, 69.6533, 105.0124** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.2011, 51.2489, 32.7076**, and the grayscale version is **59.0847, 62.1617, 67.6941**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **29.0754, 36.2806, 58.8965** is the 20% darker color. If you saturate the color by 10%, you get **52.1939, 64.5165, 104.3098**, and if you desaturate by 10%, it is **64.2139, 75.4159, 105.7800**.

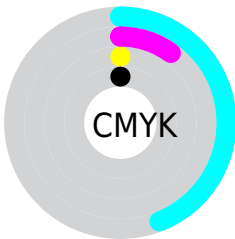
Distribution



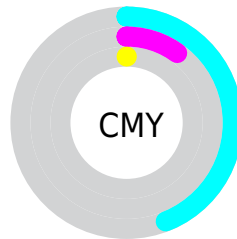
- Red (56%)
- Green (90%)
- Blue (100%)



- Red (56%)
- Yellow (75%)
- Blue (100%)



- Cyan (44%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6745, 69.6533, 105.0124 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 57.6745, 69.6533, 105.0124 by changing the saturation by 10% instead.

57.6745, 69.6533,
105.0124

57.6745, 69.6533,
105.0124

405.9454,
459.3317, 597.5295

41.7893, 51.2439,
79.8530

100.5744,
118.7142, 170.1402

29.1267, 36.4028,
59.0720

128.3198,
150.1345, 210.9457

19.3215, 24.7454,
42.2507

160.7492,
186.6607, 257.8037

12.0082, 15.8875,
28.9706

198.2282,
228.6769, 311.1327

6.8215, 9.4446,
18.8132

241.1219,
276.5678, 371.3512

3.3960, 5.0323,
11.3599

289.7957,

1.3665, 2.2662,

330.7176, 438.8779

6.1923

344.6151,
391.5108, 514.1311

■ 0.2322, 0.7557,
2.8917

■ 0.0000, 0.0000,
1.0396

■ 57.6745, 69.6533,
105.0124

■ 57.6745, 69.6533,
105.0124

■ 52.1939, 64.5165,
104.3098

■ 64.2139, 75.4159,
105.7800

■ 47.6969, 59.9612,
103.6675

■ 71.8692, 81.8297,
106.6145

■ 44.1076, 55.9491,
103.0823

■ 80.7001, 88.9277,
107.5191

■ 41.3353, 52.4329,
102.5497

■ 90.7603, 96.7383,
108.4965

■ 39.2698, 49.3548,
102.0644

95.0500, 100.0000,
108.9000

■ 38.2639, 47.6479,
101.7880

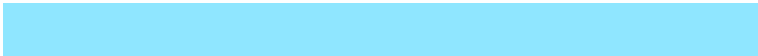
Harmonies

Analogous

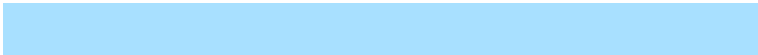
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.6672, 69.6533, 86.0678



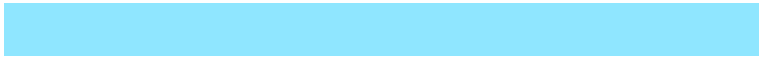
57.6745, 69.6533, 105.0124



63.0772, 69.6533, 116.9757

Triad

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



57.6745, 69.6533, 105.0124



79.3320, 69.6533, 85.3072



62.8404, 69.6533, 45.8282

Complementary

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



57.6745, 69.6533, 105.0124



60.2011, 51.2489, 32.7076

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.



69.4312, 69.6533, 45.6940



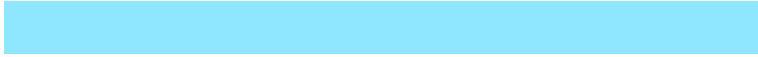
57.6745, 69.6533, 105.0124



79.2580, 69.6533, 66.4575

Square

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



57.6745, 69.6533, 105.0124



75.7300, 69.6533, 104.3761



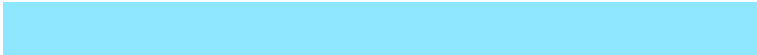
75.5342, 69.6533, 52.6433



57.5112, 69.6533, 53.0467

Rectangle

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



57.6745, 69.6533, 105.0124



67.4483, 69.6533, 118.2881



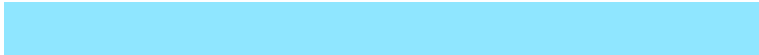
75.5342, 69.6533, 52.6433



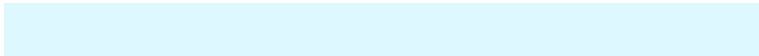
64.9739, 69.6533, 44.9989

Sweetspot

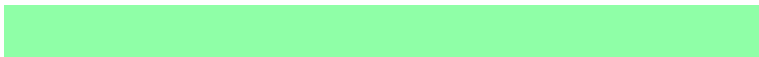
The Sweet Spot groups the original color and five complimentary colors.



57.6764, 69.6559, 105.0128



81.5732, 89.6158, 107.6060



54.0886, 80.1601, 49.3121



17.0153, 18.8301, 22.9877



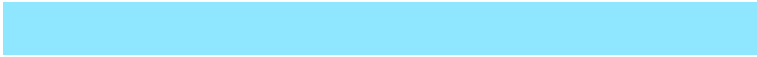
0.0000, 0.0000, 0.0000



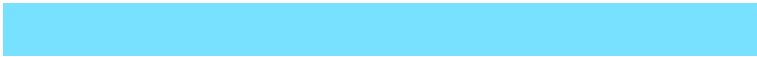
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6764, 69.6559, 105.0128



52.6558, 64.9642, 104.3718



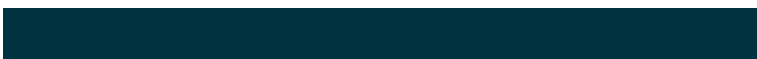
44.6573, 43.6176, 100.6731



18.1908, 19.7532, 23.1039



20.1103, 25.1301, 53.2253



2.0386, 2.6078, 5.2092

Inverse Universe

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



65.3467, 46.6198, 80.4202



61.5067, 40.0842, 75.6122



72.6576, 76.1620, 36.8598



18.6089, 18.2269, 21.8238



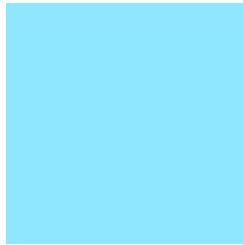
26.9389, 13.2649, 29.3926



2.6636, 1.3078, 3.0758

Previews

White Background



This preview shows how the XYZ color 57.6745, 69.6533, 105.0124 looks on a white background.

Color Contrast Check

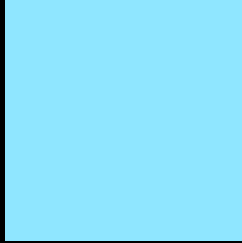
Large Text (above 18pt) WCAG AA × Fail

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 57.6745, 69.6533, 105.0124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

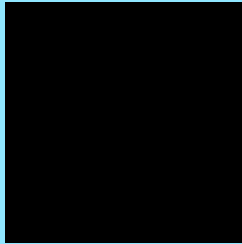
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6745, 69.6533, 105.0124

Background



This preview shows how black text looks on a background with the XYZ color 57.6745, 69.6533, 105.0124.

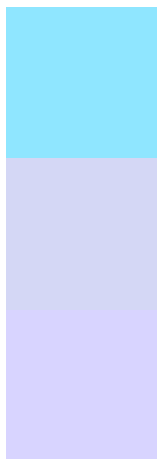


This preview shows how white text looks on a background with the XYZ color 57.6745, 69.6533,

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

57.6745, 69.6533, 105.0124

Protanopia

67.9332, 69.1905, 96.1608

Deuteranopia

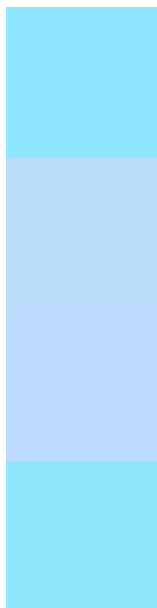
69.9124, 68.9059, 104.2231



Tritanopia

56.8157, 69.7167, 100.9046

Trichromacy



Original Color

57.6745, 69.6533, 105.0124

Protanomaly

63.1856, 68.5907, 99.5316

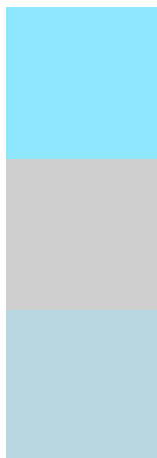
Deuteranomaly

64.3678, 68.7019, 104.4760

Tritanomaly

57.3019, 69.9309, 102.5733

Monochromacy



Original Color

57.6745, 69.6533, 105.0124

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.5221, 64.1730, 79.8759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6745, 69.6533, 105.0124 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(143, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 230, 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(143, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.6745, 69.6533, 105.0124 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(143, 230, 255) }
```


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

```
.border{ border-color:rgb(143, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6745, 69.6533, 105.0124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 230, 255) }
```

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

```
.background{ background-color: rgb(143,  
230, 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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