

Converting Colors

XYZ(56.7074, 66.8020,
104.5130)

Have a look what the booklet for
XYZ(56.7074, 66.8020, 104.5130)
contains.

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Color

**XYZ(56.7383, 66.7344,
104.4983)**

Conversions

Conversions Part 1

Format	Color
Hex	93E0FF
RGB	147, 224, 255
RGB Percent	58%, 88%, 100%
CMY	0.4235, 0.1216, 0.0000
CMYK	0.42, 0.12, 0.00, 0.00
HSL	197°, 100%, 79%
HSV	197°, 42%, 100%
XYZ	56.7383, 66.7344, 104.4983
YIQ	204.5110, -55.8430, -6.6830

Conversions

Conversions Part 2

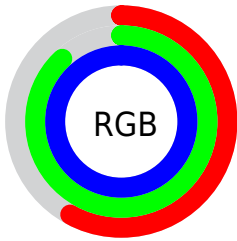
Format	Color
RYB	147, 192, 255
Decimal	9691391
CIELab	85.37, -15.94, -22.50
CIELCh	85, 27.575, 234.693
Yxy	66.7344, 0.2489, 0.2927
Android (android.graphics.Color)	4287881471 (0xFF93E0FF)
YUV	204.5110, 24.8911, -50.4371
Hunter-Lab	81.6911, -18.9829, -18.6593

Details

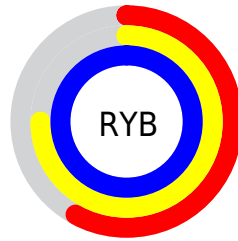
The XYZ color **56.7383, 66.7344, 104.4983** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **62.4274, 55.2079, 34.9717**, and the grayscale version is **57.5922, 60.5915, 65.9841**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **28.5975, 34.6268, 58.6025** is the 20% darker color. If you saturate the color by 10%, you get **50.7378, 60.7850, 103.6663**, and if you desaturate by 10%, it is **63.8406, 73.3805, 105.4068**.

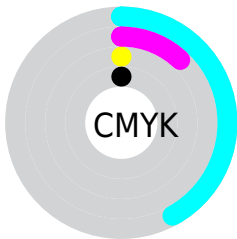
Distribution



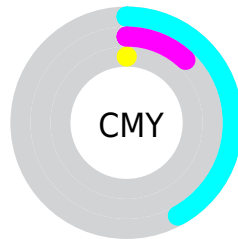
- Red (58%)
- Green (88%)
- Blue (100%)



- Red (58%)
- Yellow (75%)
- Blue (100%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7383, 66.7344, 104.4983 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 56.7383, 66.7344, 104.4983 by changing the saturation by 10% instead.

56.7383, 66.7344,
104.4983

56.7383, 66.7344,
104.4983

402.4980,
448.9988, 595.8898

41.0345, 48.8688,
79.4248

99.2168, 114.5398,
169.4309

28.5338, 34.5154,
58.7218

126.7222,
145.2483, 210.1270

18.8710, 23.2898,
41.9706

158.8922,
181.0066, 256.8677

11.6805, 14.8077,
28.7529

196.0921,
222.1991, 310.0717

6.5972, 8.6845,
18.6500

238.6872,
269.2102, 370.1573

3.2556, 4.5360,
11.2434

287.0430,

1.2903, 1.9777,

322.4242, 437.5431

6.1146

341.5249,
382.2256, 512.6478

■ 0.1759, 0.5945,
2.8450

■ 0.0000, 0.0000,
1.0160

■ 56.7383, 66.7344,
104.4983

■ 56.7383, 66.7344,
104.4983

■ 50.7378, 60.7850,
103.6663

■ 63.8406, 73.3805,
105.4068

■ 45.7648, 55.4879,
102.9059

■ 72.1016, 80.7498,
106.3938

■ 41.7440, 50.8042,
102.2138

■ 81.5809, 88.8758,
107.4627

■ 38.5867, 46.6866,
101.5854

■ 92.3322, 97.7877,
108.6162

■ 36.1859, 43.0783,
101.0155

95.0500, 100.0000,
108.9000

■ 34.7394, 40.5987,
100.6131

Harmonies

Analogous

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



53.1317, 66.7344, 87.9979



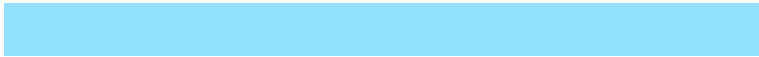
56.7383, 66.7344, 104.4983



62.3247, 66.7344, 112.5699

Triad

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



56.7383, 66.7344, 104.4983



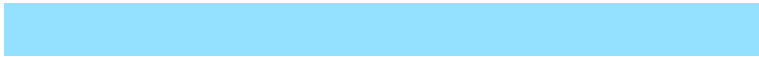
76.1538, 66.7344, 75.8905



58.5434, 66.7344, 45.6794

Complementary

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



56.7383, 66.7344, 104.4983



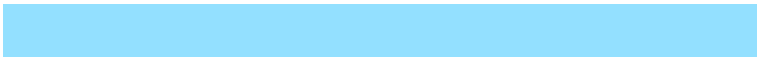
62.4274, 55.2079, 34.9717

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.



64.5464, 66.7344, 43.5149



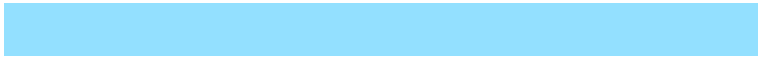
56.7383, 66.7344, 104.4983



74.9777, 66.7344, 59.2209

Square

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



56.7383, 66.7344, 104.4983



73.7426, 66.7344, 94.4082



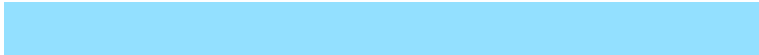
70.6261, 66.7344, 48.0541



54.1249, 66.7344, 54.5419

Rectangle

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



56.7383, 66.7344, 104.4983



66.5240, 66.7344, 111.2667



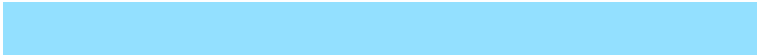
70.6261, 66.7344, 48.0541



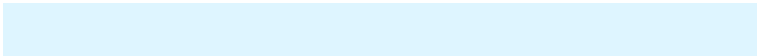
60.4316, 66.7344, 44.2129

Sweetspot

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



56.7402, 66.7369, 104.4987



80.9278, 88.3249, 107.3908



55.7896, 80.9219, 54.5901



16.8549, 18.5094, 22.9343



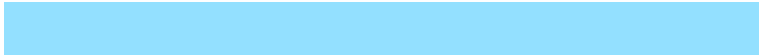
0.0000, 0.0000, 0.0000



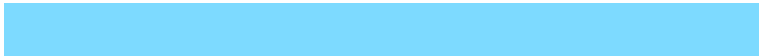
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7402, 66.7369, 104.4987



51.4870, 61.5500, 103.7744



44.5340, 42.3246, 100.4300



18.0885, 19.5487, 23.0699



18.2863, 21.4821, 52.6173



1.8741, 2.2788, 5.1544

Inverse Universe

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



65.1295, 47.5110, 76.2616



61.1795, 40.9595, 70.7876



75.2513, 80.8556, 39.2463



18.5573, 18.2062, 21.5520



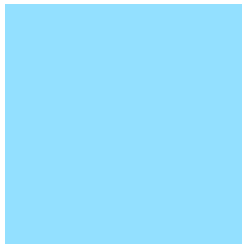
26.0183, 12.8966, 24.5444



2.5806, 1.2746, 2.6386

Previews

White Background



This preview shows how the XYZ color 56.7383, 66.7344, 104.4983 looks on a white background.

Color Contrast Check

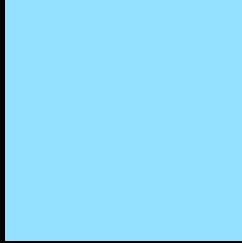
Large Text (above 18pt) WCAG AA × Fail

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 56.7383, 66.7344, 104.4983 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 56.7383, 66.7344, 104.4983

Background



This preview shows how black text looks on a background with the XYZ color 56.7383, 66.7344, 104.4983.

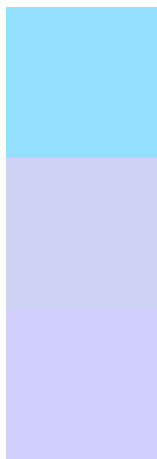


This preview shows how white text looks on a background with the XYZ color 56.7383, 66.7344,

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

56.7383, 66.7344, 104.4983

Protanopia

65.3824, 66.3642, 96.5523

Deuteranopia

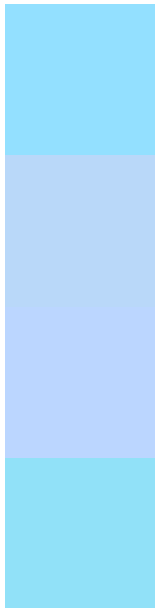
67.1842, 66.0334, 103.8125



Tritanopia

55.0271, 66.8537, 95.5918

Trichromacy



Original Color

56.7383, 66.7344, 104.4983

Protanomaly

61.6623, 66.2656, 99.1631

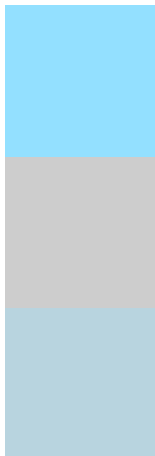
Deuteranomaly

62.5901, 65.8779, 104.0246

Tritanomaly

55.5455, 66.6475, 98.7436

Monochromacy



Original Color

56.7383, 66.7344, 104.4983

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.6299, 62.6050, 78.9113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7383, 66.7344, 104.4983 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(147, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.7383, 66.7344, 104.4983 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(147, 224, 255) }
```


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

```
.border{ border-color:rgb(147, 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(147, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7383, 66.7344, 104.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 224, 255) }
```

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

```
.background{ background-color: rgb(147,  
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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