

Converting Colors

XYZ(54.6640, 67.0318, 97.7766)

Have a look what the booklet for
XYZ(54.6640, 67.0318, 97.7766)
contains.

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Color

**XYZ(54.7388, 67.0568,
98.0539)**

Conversions

Conversions Part 1

Format	Color
Hex	8AE3F7
RGB	138, 227, 247
RGB Percent	54%, 89%, 97%
CMY	0.4588, 0.1098, 0.0314
CMYK	0.44, 0.08, 0.00, 0.03
HSL	191°, 87%, 75%
HSV	191°, 44%, 97%
XYZ	54.7388, 67.0568, 98.0539
YIQ	202.6690, -59.4640, -12.6480

Conversions

Conversions Part 2

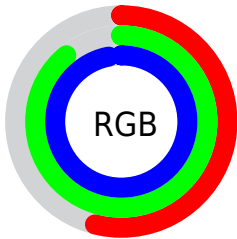
Format	Color
R _Y B	138, 187, 247
Decimal	9102327
CIE Lab	85.53, -21.64, -18.08
CIE LCh	86, 28.203, 219.873
Yxy	67.0568, 0.2490, 0.3050
Android (android.graphics.Color)	4287292407 (0xFF8AE3F7)
YUV	202.6690, 21.8552, -56.7147
Hunter-Lab	81.8882, -23.9847, -13.6728

Details

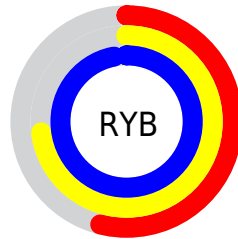
The XYZ color **54.7388, 67.0568, 98.0539** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.1734, 46.0642, 30.0299**, and the grayscale version is **56.4531, 59.3930, 64.6790**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **27.1913, 34.5497, 54.5258** is the 20% darker color. If you saturate the color by 10%, you get **49.8849, 62.7401, 97.4777**, and if you desaturate by 10%, it is **60.5587, 71.9230, 98.6876**.

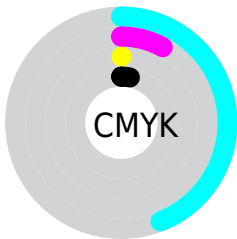
Distribution



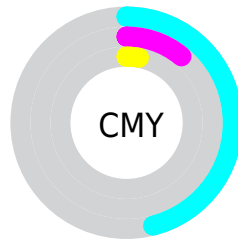
- Red (54%)
- Green (89%)
- Blue (97%)



- Red (54%)
- Yellow (73%)
- Blue (97%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)





- Cyan (46%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7388, 67.0568, 98.0539 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 54.7388, 67.0568, 98.0539 by changing the saturation by 10% instead.


 54.7388, 67.0568,
98.0539


 54.7388, 67.0568,
98.0539


395.0736,
450.1469, 575.1284

 39.4257, 49.1308,
74.0685


 96.3087, 115.0018,
160.5087

 27.2732, 34.7232,
54.3530

 123.2962,
145.7896, 199.8151

 17.9162, 23.4498,
38.4888


154.9058,
181.6334, 245.0656

 10.9891, 14.9260,
26.0575

191.5029,
222.9176, 296.6788

 6.1268, 8.7674,
16.6405

233.4529,
270.0267, 355.0731

 2.9637, 4.5898,
9.8193

281.1211,

 1.1346, 2.0087,

323.3450, 420.6671

5.1753

334.8729,
383.2570, 493.8794

■ 0.0538, 0.6125,
2.2899

■ 0.0000, 0.0000,
0.7256

■ 54.7388, 67.0568,
98.0539

■ 54.7388, 67.0568,
98.0539

■ 49.8849, 62.7401,
97.4777

■ 60.5587, 71.9230,
98.6876

■ 45.9266, 58.9316,
96.9512

■ 67.3963, 77.3611,
99.3769

■ 42.7940, 55.5965,
96.4726

■ 75.3072, 83.4017,
100.1259

■ 40.4034, 52.6912,
96.0378

■ 84.3408, 90.0705,
100.9370

■ 38.6527, 50.1628,
95.6420

■ 92.1096, 96.1372,
101.6985

■ 37.8351, 48.8083,
95.4237

■ 93.5322, 98.9825,
102.1727

■ 93.7887, 99.4955,
102.2582

Harmonies

Analogous

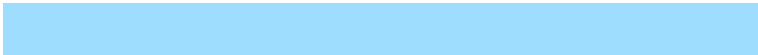
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.3504, 67.0568, 79.2330



54.7388, 67.0568, 98.0539



59.5888, 67.0568, 111.4123

Triad

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



54.7388, 67.0568, 98.0539



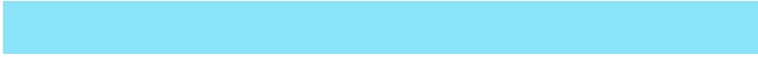
76.0191, 67.0568, 85.8421



61.6460, 67.0568, 43.4733

Complementary

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



54.7388, 67.0568, 98.0539



55.1734, 46.0642, 30.0299

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.



68.0702, 67.0568, 44.6389



54.7388, 67.0568, 98.0539



76.6619, 67.0568, 67.1283

Square

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



54.7388, 67.0568, 98.0539



71.9658, 67.0568, 103.5834



73.6676, 67.0568, 52.6463



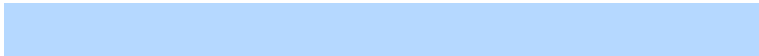
56.1579, 67.0568, 49.1409

Rectangle

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



54.7388, 67.0568, 98.0539



63.7082, 67.0568, 114.2930



73.6676, 67.0568, 52.6463



63.7628, 67.0568, 43.1045

Sweetspot

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



54.7409, 67.0594, 98.0555



81.9786, 90.4266, 107.7411



49.9137, 74.3943, 44.0710



17.1161, 19.0319, 23.0214



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.



54.7409, 67.0594, 98.0555



54.1285, 67.9095, 104.8627



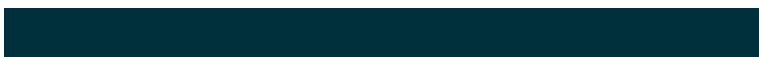
42.1225, 41.8227, 93.8494



16.7231, 18.2104, 21.1761



20.1066, 26.0070, 50.4981



1.8328, 2.4170, 4.4602

Inverse Universe

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



61.3131, 43.4990, 77.8403



62.2500, 40.3815, 79.5266



66.6112, 68.9398, 33.8425



17.0756, 16.7131, 20.1444



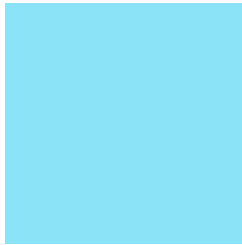
25.9534, 12.7248, 30.7926



2.3142, 1.1316, 2.8808

Previews

White Background



This preview shows how the XYZ color 54.7388, 67.0568, 98.0539 looks on a white background.

Color Contrast Check

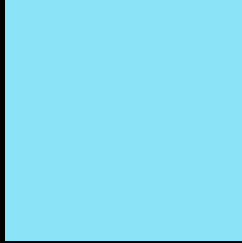
Large Text (above 18pt) WCAG AA × Fail

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 54.7388, 67.0568, 98.0539 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 54.7388, 67.0568, 98.0539

Background



This preview shows how black text looks on a background with the XYZ color 54.7388, 67.0568, 98.0539.

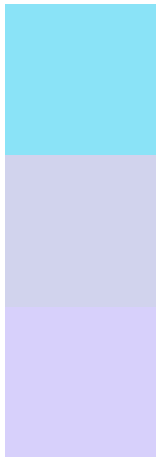


This preview shows how white text looks on a background with the XYZ color 54.7388, 67.0568,

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

54.7388, 67.0568, 98.0539

Protanopia

64.8748, 66.2583, 89.4906

Deuteranopia

67.9928, 66.5239, 100.5236



Tritanopia

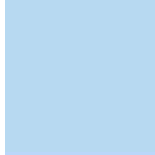
54.5849, 66.9953, 97.2432

Trichromacy



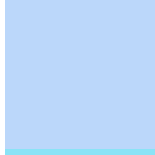
Original Color

54.7388, 67.0568, 98.0539



Protanomaly

60.2185, 66.0439, 92.7930



Deuteranomaly

62.0493, 66.0678, 99.9245



Tritanomaly

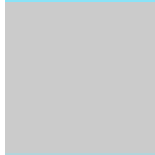
54.5849, 66.9953, 97.2432

Monochromacy



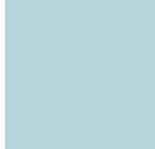
Original Color

54.7388, 67.0568, 98.0539



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.9201, 61.7851, 76.0490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7388, 67.0568, 98.0539 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(138, 227, 247)` looks like.

```
.text, #text, p{  
    color:rgb(138, 227, 247)  
}
```

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(138, 227, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 227, 247) }
```

Border

The CSS property to change the border of an element to XYZ 54.7388, 67.0568, 98.0539 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(138, 227, 247) }
```


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

```
.border{ border-color:rgb(138, 227, 247) }
```

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

Here you see how a box with a 4 pixel rgb(138, 227, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 227, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 227, 247);  
box-shadow:4px 4px 4px 4px rgb(138, 227,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7388, 67.0568, 98.0539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 227, 247) }
```

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

```
.background{ background-color: rgb(138,  
227, 247) }
```

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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