

Converting Colors

XYZ(54.1330, 67.6892,
100.9534)

Have a look what the booklet for
XYZ(54.1330, 67.6892, 100.9534)
contains.

XYZ(53.8788, 67.3764, 100.6077)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.8788, 67.3764,
100.6077)**

Conversions

Conversions Part 1

Format	Color
Hex	7EE5FA
RGB	126, 229, 250
RGB Percent	49%, 90%, 98%
CMY	0.5059, 0.1019, 0.0196
CMYK	0.50, 0.08, 0.00, 0.02
HSL	190°, 93%, 74%
HSV	190°, 50%, 98%
XYZ	53.8788, 67.3764, 100.6077
YIQ	200.5970, -68.1290, -15.3050

Conversions

Conversions Part 2

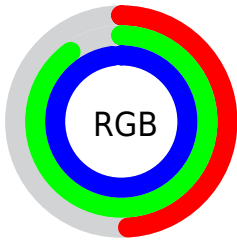
Format	Color
RYB	126, 182, 250
Decimal	8316410
CIELab	85.69, -24.53, -19.47
CIELCh	86, 31.314, 218.434
Yxy	67.3764, 0.2428, 0.3037
Android (android.graphics.Color)	4286506490 (0xFF7EE5FA)
YUV	200.5970, 24.3557, -65.4216
Hunter-Lab	82.0831, -26.4793, -15.2124

Details

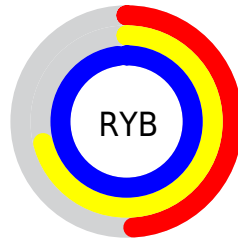
The XYZ color **53.8788, 67.3764, 100.6077** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.6253, 42.6992, 25.1559**, and the grayscale version is **55.1542, 58.0266, 63.1909**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **26.7311, 34.8389, 56.3546** is the 20% darker color. If you saturate the color by 10%, you get **49.4861, 63.3955, 100.0720**, and if you desaturate by 10%, it is **59.2252, 71.8944, 101.1992**.

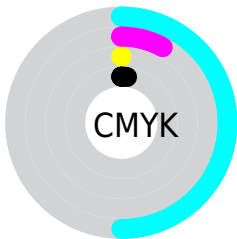
Distribution



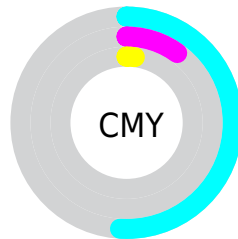
- Red (49%)
- Green (90%)
- Blue (98%)



- Red (49%)
- Yellow (71%)
- Blue (98%)



- Cyan (50%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8788, 67.3764, 100.6077 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 53.8788, 67.3764, 100.6077 by changing the saturation by 10% instead.

53.8788, 67.3764,
100.6077

53.8788, 67.3764,
100.6077

391.8536,
451.2834, 583.4026

38.7351, 49.3906,
76.1884

95.0542, 115.4596,
164.0512

26.7335, 34.9294,
56.0795

121.8166,
146.3257, 203.9125

17.5087, 23.6085,
39.8622

153.1825,
182.2541, 249.7583

10.6954, 15.0435,
27.1182

189.5174,
223.6292, 302.0070

5.9282, 8.8499,
17.4288

231.1866,
270.8352, 361.0773

2.8417, 4.6434,
10.3755

278.5555,

1.0706, 2.0396,

324.2566, 427.3876

5.5398

331.9893,
384.2779, 501.3565

■ 0.0003, 0.6303,
2.5031

■ 0.0000, 0.0000,
0.8418

■ 53.8788, 67.3764,
100.6077

■ 53.8788, 67.3764,
100.6077

■ 49.4861, 63.3955,
100.0720

■ 59.2252, 71.8944,
101.1992

■ 45.9707, 59.9075,
99.5841

■ 65.5821, 76.9744,
101.8447

■ 43.2546, 56.8733,
99.1416

■ 73.0088, 82.6490,
102.5486

■ 41.2425, 54.2436,
98.7400

■ 81.5584, 88.9458,
103.3133

■ 39.7840, 51.9405,
98.3724

■ 91.2804, 95.8905,
104.1414

■ 39.7300, 51.8512,
98.3580

■ 94.0661, 99.3033,
104.6533

■ 94.2555, 99.6822,
104.7165

Harmonies

Analogous

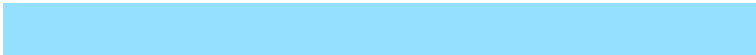
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.3998, 67.3764, 79.2789



53.8788, 67.3764, 100.6077



59.1258, 67.3764, 116.3238

Triad

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



53.8788, 67.3764, 100.6077



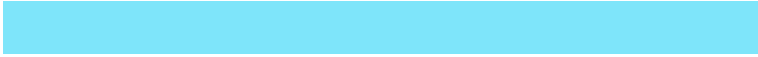
77.6699, 67.3764, 88.7786



62.0473, 67.3764, 40.9447

Complementary

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



53.8788, 67.3764, 100.6077



53.6253, 42.6992, 25.1559

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.



69.2177, 67.3764, 42.5421



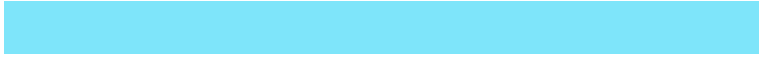
53.8788, 67.3764, 100.6077



78.5974, 67.3764, 67.7461

Square

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



53.8788, 67.3764, 100.6077



72.9551, 67.3764, 108.6593



75.4029, 67.3764, 51.5403



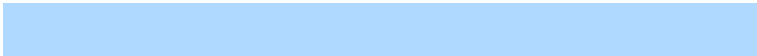
55.8811, 67.3764, 46.6784

Rectangle

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



53.8788, 67.3764, 100.6077



63.6649, 67.3764, 120.0853



75.4029, 67.3764, 51.5403



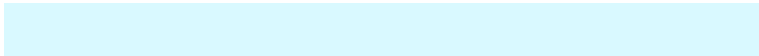
64.4150, 67.3764, 40.6671

Sweetspot

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



53.8809, 67.3790, 100.6093



80.3193, 89.3901, 107.6285



48.0318, 74.9044, 39.3953



16.7957, 18.8401, 23.0012



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.



53.8809, 67.3790, 100.6093



51.5739, 66.1336, 104.6546



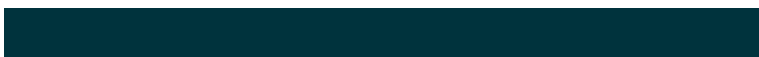
39.7412, 39.0995, 95.8961



17.5010, 19.0788, 22.1455



21.1667, 27.6889, 52.2024



2.0244, 2.6925, 4.8562

Inverse Universe

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



61.0298, 40.9047, 78.8103



60.1469, 36.4250, 78.0558



65.9106, 67.2697, 29.2510



17.8594, 17.4711, 21.1155



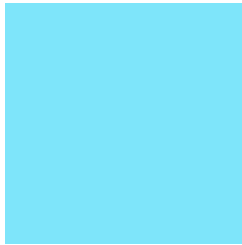
26.9760, 13.2061, 32.9116



2.5307, 1.2360, 3.2183

Previews

White Background



This preview shows how the XYZ color 53.8788, 67.3764, 100.6077 looks on a white background.

Color Contrast Check

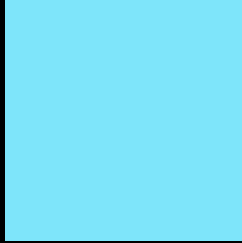
Large Text (above 18pt) WCAG AA × Fail

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 53.8788, 67.3764, 100.6077 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 53.8788, 67.3764, 100.6077

Background



This preview shows how black text looks on a background with the XYZ color 53.8788, 67.3764, 100.6077.



This preview shows how white text looks on a background with the XYZ color 53.8788, 67.3764,

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

53.8788, 67.3764, 100.6077

Protanopia

65.1687, 66.3758, 91.0384

Deuteranopia

67.8858, 66.4136, 103.0071



Tritanopia

53.4200, 67.1759, 98.9577

Trichromacy



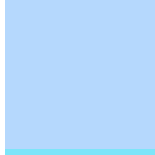
Original Color

53.8788, 67.3764, 100.6077



Protanomaly

59.8395, 66.1976, 94.4176



Deuteranomaly

61.3415, 66.0273, 102.4400



Tritanomaly

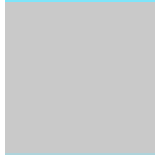
53.5756, 67.2381, 99.7771

Monochromacy



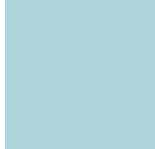
Original Color

53.8788, 67.3764, 100.6077



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.5360, 60.7017, 75.9128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8788, 67.3764, 100.6077 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(126, 229, 250)` looks like.

```
.text, #text, p{  
    color:rgb(126, 229, 250)  
}
```

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(126, 229, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 229, 250) }
```

Border

The CSS property to change the border of an element to XYZ 53.8788, 67.3764, 100.6077 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(126, 229, 250) }
```


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

```
.border{ border-color:rgb(126, 229, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 229, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 229, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 229, 250);  
box-shadow:4px 4px 4px 4px rgb(126, 229,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8788, 67.3764, 100.6077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 229, 250) }
```

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

```
.background{ background-color: rgb(126,  
229, 250) }
```

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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