

Converting Colors

XYZ(62.6690, 76.1092,
118.6185)

Have a look what the booklet for
XYZ(62.6690, 76.1092, 118.6185)
contains.

XYZ(60.3654, 75.2910, 105.9588)	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(60.3654, 75.2910,
105.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	8EF0FF
RGB	142, 240, 255
RGB Percent	56%, 94%, 100%
CMY	0.4431, 0.0588, 0.0000
CMYK	0.44, 0.06, 0.00, 0.00
HSL	188°, 100%, 78%
HSV	188°, 44%, 100%
XYZ	60.3654, 75.2910, 105.9588
YIQ	212.4080, -63.2230, -16.1110

Conversions

Conversions Part 2

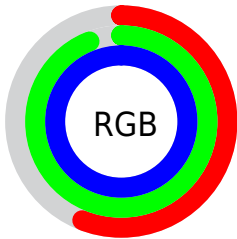
Format	Color
RYB	142, 194, 255
Decimal	9367807
CIELab	89.53, -25.08, -16.25
CIElCh	90, 29.882, 212.935
Yxy	75.2910, 0.2498, 0.3116
Android (android.graphics.Color)	4287557887 (0xFF8EF0FF)
YUV	212.4080, 20.9979, -61.7478
Hunter-Lab	86.7704, -27.6673, -11.6621

Details

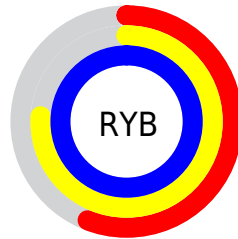
The XYZ color **60.3654, 75.2910, 105.9588** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.1799, 47.3273, 31.6617**, and the grayscale version is **62.7473, 66.0151, 71.8904**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **30.9008, 40.1972, 59.5563** is the 20% darker color. If you saturate the color by 10%, you get **55.4940, 71.3162, 105.4483**, and if you desaturate by 10%, it is **66.2601, 79.8244, 106.5231**.

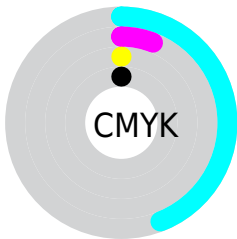
Distribution



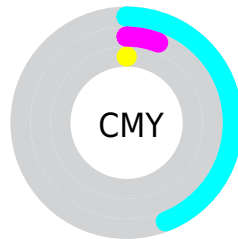
- Red (56%)
- Green (94%)
- Blue (100%)



- Red (56%)
- Yellow (76%)
- Blue (100%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3654, 75.2910, 105.9588 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 60.3654, 75.2910, 105.9588 by changing the saturation by 10% instead.

60.3654, 75.2910,
105.9588

60.3654, 75.2910,
105.9588

415.7565,
478.9172, 600.5419

43.9638, 55.8513,
80.6417

104.4629,
126.7242, 171.4452

30.8398, 40.0837,
59.7173

132.8895,
159.4865, 212.4515

20.6282, 27.6038,
42.7670

166.0551,
197.4585, 259.5247

12.9634, 18.0272,
29.3723

204.3252,
241.0245, 313.0832

7.4802, 10.9695,
19.1146

248.0650,
290.5690, 373.5457

3.8131, 6.0464,
11.5755

297.6399,

1.5970, 2.8733,

346.4764, 441.3306

6.3363

353.4153,
409.1309, 516.8565

■ 0.3904, 1.0659,
2.9786

■ 0.0000, 0.0000,
1.0837

■ 60.3654, 75.2910,
105.9588

■ 60.3654, 75.2910,
105.9588

■ 55.4940, 71.3162,
105.4483

■ 66.2601, 79.8244,
106.5231

■ 51.5706, 67.8558,
104.9872

■ 73.2347, 84.9405,
107.1430

■ 48.5191, 64.8722,
104.5721

■ 81.3489, 90.6720,
107.8216

■ 46.2489, 62.3185,
104.1988

■ 90.6561, 97.0464,
108.5615

■ 44.6490, 60.1373,
103.8622

95.0500, 100.0000,
108.9000

■ 43.9483, 59.0166,
103.6828

Harmonies

Analogous

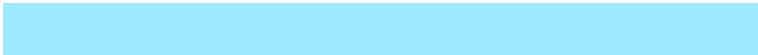
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.3805, 75.2910, 84.0645



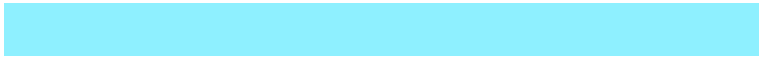
60.3654, 75.2910, 105.9588



65.3345, 75.2910, 123.4646

Triad

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



60.3654, 75.2910, 105.9588



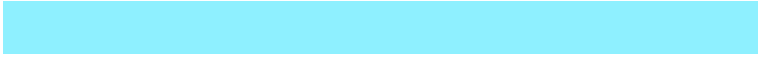
84.8701, 75.2910, 101.7653



70.8422, 75.2910, 47.8948

Complementary

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



60.3654, 75.2910, 105.9588



58.1799, 47.3273, 31.6617

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.



78.1728, 75.2910, 51.0145



60.3654, 75.2910, 105.9588



86.5914, 75.2910, 79.9284

Square

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



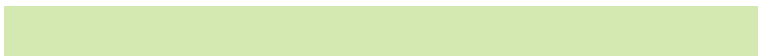
60.3654, 75.2910, 105.9588



79.5069, 75.2910, 120.7673



84.0636, 75.2910, 61.9212



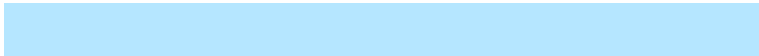
64.1645, 75.2910, 52.5367

Rectangle

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



60.3654, 75.2910, 105.9588



69.8411, 75.2910, 128.9528



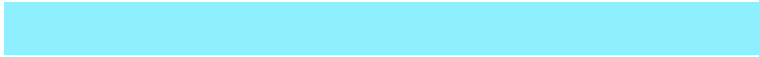
84.0636, 75.2910, 61.9212



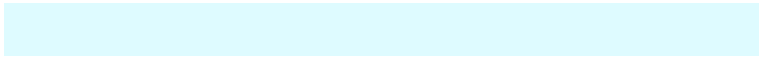
73.3106, 75.2910, 48.0724

Sweetspot

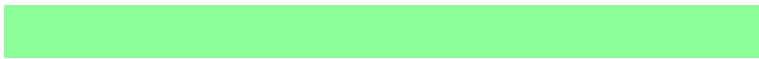
The Sweet Spot groups the original color and five complimentary colors.



60.3674, 75.2938, 105.9592



82.5008, 91.4710, 107.9152



52.8483, 79.6441, 43.6804



17.2463, 19.2922, 23.0647



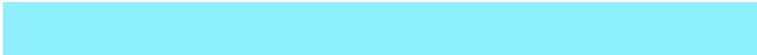
0.0000, 0.0000, 0.0000



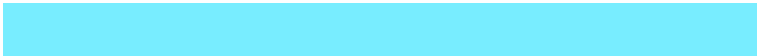
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3674, 75.2938, 105.9592



56.0776, 71.8078, 105.5124



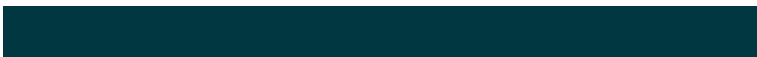
46.6220, 47.8030, 101.3774



18.3372, 20.0459, 23.1527



23.0439, 30.9974, 54.2031



2.2983, 3.1273, 5.2958

Inverse Universe

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



66.6425, 46.8989, 87.9812



63.2339, 40.7751, 84.7073



69.5877, 70.1428, 35.4643



18.6828, 18.2564, 22.2129



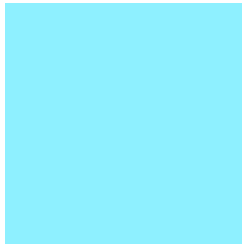
28.4197, 13.8572, 37.1901



2.7947, 1.3602, 3.7662

Previews

White Background



This preview shows how the XYZ color 60.3654, 75.2910, 105.9588 looks on a white background.

Color Contrast Check

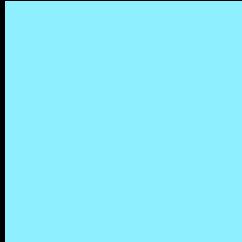
Large Text (above 18pt) WCAG AA × Fail

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 60.3654, 75.2910, 105.9588 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 60.3654, 75.2910, 105.9588

Background



This preview shows how black text looks on a background with the XYZ color 60.3654, 75.2910, 105.9588.

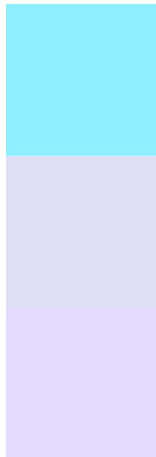


This preview shows how white text looks on a background with the XYZ color 60.3654, 75.2910,

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

60.3654, 75.2910, 105.9588

Protanopia

72.5746, 74.3038, 96.1049

Deuteranopia

75.3764, 74.3770, 104.9912



Tritanopia

62.1421, 75.3376, 105.8741

Trichromacy



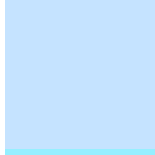
Original Color

60.3654, 75.2910, 105.9588



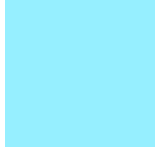
Protanomaly

66.9549, 74.1534, 99.5911



Deuteranomaly

68.5450, 74.0285, 105.2840



Tritanomaly

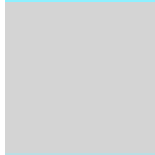
61.4942, 75.4370, 105.9275

Monochromacy



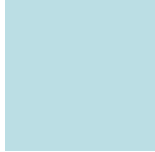
Original Color

60.3654, 75.2910, 105.9588



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.6184, 68.4088, 83.4081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3654, 75.2910, 105.9588 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(142, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 240, 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(142, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.3654, 75.2910, 105.9588 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(142, 240, 255) }
```


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

```
.border{ border-color:rgb(142, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3654, 75.2910, 105.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 240, 255) }
```

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

```
.background{ background-color: rgb(142,  
240, 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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