

Converting Colors

XYZ(60.7089, 75.6232,
108.3422)

Have a look what the booklet for
XYZ(60.7089, 75.6232, 108.3422)
contains.

XYZ(60.1946, 75.2029, 105.9508)	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(60.1946, 75.2029,
105.9508)**

Conversions

Conversions Part 1

Format	Color
Hex	8DF0FF
RGB	141, 240, 255
RGB Percent	55%, 94%, 100%
CMY	0.4470, 0.0588, 0.0000
CMYK	0.45, 0.06, 0.00, 0.00
HSL	188°, 100%, 78%
HSV	188°, 45%, 100%
XYZ	60.1946, 75.2029, 105.9508
YIQ	212.1090, -63.8190, -16.3230

Conversions

Conversions Part 2

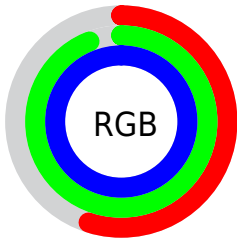
Format	Color
RYB	141, 194, 255
Decimal	9302271
CIELab	89.49, -25.31, -16.31
CIELCh	89, 30.110, 212.804
Yxy	75.2029, 0.2494, 0.3116
Android (android.graphics.Color)	4287492351 (0xFF8DF0FF)
YUV	212.1090, 21.1453, -62.3626
Hunter-Lab	86.7196, -27.8573, -11.7346

Details

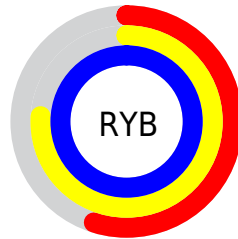
The XYZ color **60.1946, 75.2029, 105.9508** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.9367, 46.9605, 31.2120**, and the grayscale version is **62.5479, 65.8052, 71.6619**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **30.7269, 40.1075, 59.5481** is the 20% darker color. If you saturate the color by 10%, you get **55.3696, 71.2648, 105.4449**, and if you desaturate by 10%, it is **66.0400, 79.6977, 106.5103**.

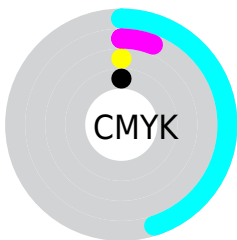
Distribution



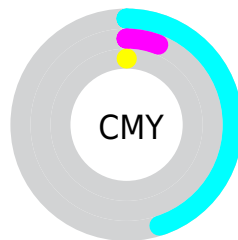
- Red (55%)
- Green (94%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1946, 75.2029, 105.9508 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 60.1946, 75.2029, 105.9508 by changing the saturation by 10% instead.

60.1946, 75.2029,
105.9508

60.1946, 75.2029,
105.9508

415.1379,
478.6147, 600.5165

43.8256, 55.7791,
80.6350

104.2166,
126.5995, 171.4341

30.7307, 40.0259,
59.7118

132.6004,
159.3412, 212.4388

20.5447, 27.5587,
42.7626

165.7197,
197.2909, 259.5101

12.9022, 17.9933,
29.3689

203.9400,
240.8331, 313.0667

7.4377, 10.9452,
19.1121

247.6266,
290.3522, 373.5271

3.7861, 6.0300,
11.5737

297.1449,

1.5818, 2.8633,

346.2326, 441.3099

6.3351

352.8602,
408.8586, 516.8335

0.3805, 1.0608,
2.9778

0.0000, 0.0000,
1.0833

60.1946, 75.2029,
105.9508

60.1946, 75.2029,
105.9508

55.3696, 71.2648,
105.4449

66.0400, 79.6977,
106.5103

51.4894, 67.8389,
104.9882

72.9626, 84.7733,
107.1251

48.4776, 64.8875,
104.5772

81.0222, 90.4624,
107.7984

46.2429, 62.3634,
104.2078

90.2726, 96.7929,
108.5328

■ 44.6731, 60.2086,
103.8746

95.0500, 100.0000,
108.9000

■ 44.0267, 59.1734,
103.7089

Harmonies

Analogous

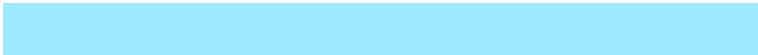
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.2125, 75.2029, 83.8888



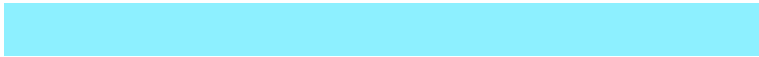
60.1946, 75.2029, 105.9508



65.1826, 75.2029, 123.6428

Triad

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



60.1946, 75.2029, 105.9508



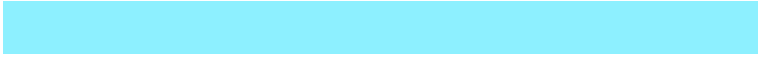
84.8668, 75.2029, 101.9116



70.7857, 75.2029, 47.6104

Complementary

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



60.1946, 75.2029, 105.9508



57.9367, 46.9605, 31.2120

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.



78.1664, 75.2029, 50.7762



60.1946, 75.2029, 105.9508



86.6199, 75.2029, 79.9098

Square

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



60.1946, 75.2029, 105.9508



79.4505, 75.2029, 121.0427



84.0903, 75.2029, 61.7678



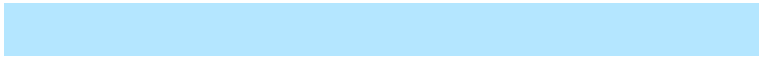
64.0577, 75.2029, 52.2367

Rectangle

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



60.1946, 75.2029, 105.9508



69.7141, 75.2029, 129.2204



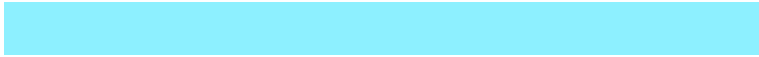
84.0903, 75.2029, 61.7678



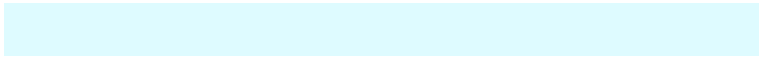
73.2716, 75.2029, 47.7999

Sweetspot

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



60.1966, 75.2057, 105.9512



82.5128, 91.4950, 107.9192



52.6035, 79.5264, 43.2826



17.2493, 19.2982, 23.0657



0.0000, 0.0000, 0.0000



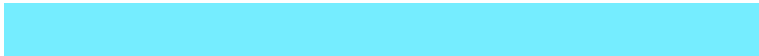
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1966, 75.2057, 105.9512



55.6776, 71.5249, 105.4789



46.3223, 47.4570, 101.3264



18.3390, 20.0497, 23.1534



23.0843, 31.0782, 54.2166



2.3018, 3.1344, 5.2969

Inverse Universe

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



66.4944, 46.6028, 87.9318



62.9057, 40.1603, 84.4694



69.4174, 69.9219, 35.0389



18.6838, 18.2568, 22.2179



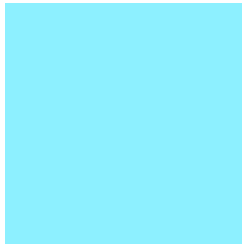
28.4401, 13.8653, 37.2976



2.7965, 1.3610, 3.7756

Previews

White Background



This preview shows how the XYZ color 60.1946, 75.2029, 105.9508 looks on a white background.

Color Contrast Check

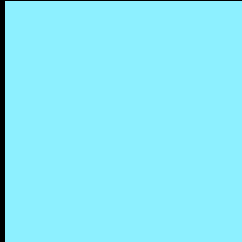
Large Text (above 18pt) WCAG AA × Fail

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 60.1946, 75.2029, 105.9508 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 60.1946, 75.2029, 105.9508

Background



This preview shows how black text looks on a background with the XYZ color 60.1946, 75.2029, 105.9508.

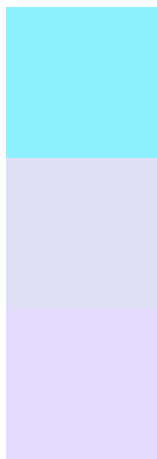


This preview shows how white text looks on a background with the XYZ color 60.1946, 75.2029,

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

60.1946, 75.2029, 105.9508

Protanopia

72.5746, 74.3038, 96.1049

Deuteranopia

75.3764, 74.3770, 104.9912



Tritanopia

61.9510, 75.2391, 105.8652

Trichromacy



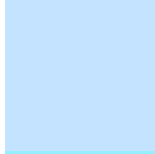
Original Color

60.1946, 75.2029, 105.9508



Protanomaly

66.9549, 74.1534, 99.5911



Deuteranomaly

68.2840, 73.8939, 105.2717



Tritanomaly

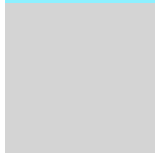
61.3109, 75.3426, 105.9189

Monochromacy



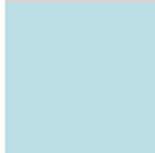
Original Color

60.1946, 75.2029, 105.9508



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.3746, 68.2831, 83.3967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1946, 75.2029, 105.9508 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(141, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 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(141, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.1946, 75.2029, 105.9508 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(141, 240, 255) }
```


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

```
.border{ border-color:rgb(141, 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(141, 240, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1946, 75.2029, 105.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 240, 255) }
```

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

```
.background{ background-color: rgb(141,  
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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