

Converting Colors

XYZ(60.1392, 77.5545,
106.4076)

Have a look what the booklet for
XYZ(60.1392, 77.5545, 106.4076)
contains.

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Color

**XYZ(60.0625, 77.3501,
106.3722)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 83F5FF |
| RGB | 131, 245, 255 |
| RGB Percent | 51%, 96%, 100% |
| CMY | 0.4863, 0.0392, 0.0000 |
| CMYK | 0.49, 0.04, 0.00, 0.00 |
| HSL | 185°, 100%, 76% |
| HSV | 185°, 49%, 100% |
| XYZ | 60.0625, 77.3501, 106.3722 |
| YIQ | 212.0540, -71.1540, -21.0580 |

Conversions

Conversions Part 2

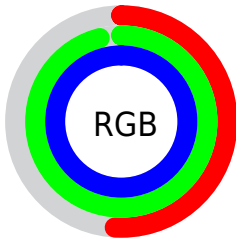
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 131, 190, 255 |
| Decimal | 8648191 |
| CIELab | 90.48, -29.91, -14.86 |
| CIELCh | 90, 33.398, 206.420 |
| Yxy | 77.3501, 0.2464, 0.3173 |
| Android (android.graphics.Color) | 4286838271 (0xFF83F5FF) |
| YUV | 212.0540, 21.1724, -71.0844 |
| Hunter-Lab | 87.9489, -32.0085, -10.1457 |

Details

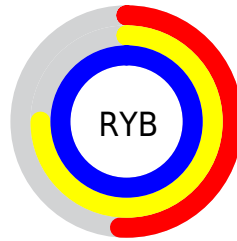
The XYZ color **60.0625, 77.3501, 106.3722** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.8623, 41.9492, 26.6802**, and the grayscale version is **62.5148, 65.7704, 71.6240**.

A 20% lighter version of the original color is **75.2959, 89.8164, 107.9755**, and **30.5602, 41.2726, 59.7818** is the 20% darker color. If you saturate the color by 10%, you get **55.9704, 74.3242, 106.0038**, and if you desaturate by 10%, it is **65.1374, 80.8965, 106.7892**.

Distribution



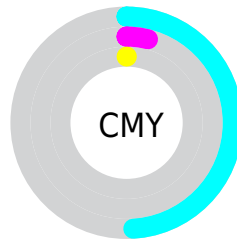
- Red (51%)
- Green (96%)
- Blue (100%)



- Red (51%)
- Yellow (75%)
- Blue (100%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0625, 77.3501, 106.3722 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 60.0625, 77.3501, 106.3722 by changing the saturation by 10% instead.

60.0625, 77.3501,
106.3722

60.0625, 77.3501,
106.3722

414.6592,
485.9569, 601.8553

43.7187, 57.5403,
80.9864

104.0262,
129.6336, 172.0148

30.6464, 41.4392,
59.9994

132.3767,
162.8760, 213.1087

20.4802, 28.6624,
42.9929

165.4602,
201.3647, 260.2756

12.8549, 18.8256,
29.5482

203.6419,
245.4841, 313.9341

7.4050, 11.5443,
19.2468

247.2874,
295.6187, 374.5028

3.7652, 6.4342,
11.6701

296.7618,

1.5702, 3.1109,

352.1527, 442.4002

6.3997

352.4306,
415.4707, 518.0449

■ 0.3729, 1.1899,
3.0169

■ 0.0000, 0.0534,
1.1033

■ 60.0625, 77.3501,
106.3722

■ 60.0625, 77.3501,
106.3722

■ 55.9704, 74.3242,
106.0038

■ 65.1374, 80.8965,
106.7892

■ 52.7822, 71.7727,
105.6793

■ 71.2542, 84.9885,
107.2567

■ 50.4173, 69.6558,
105.3954

■ 78.4744, 89.6597,
107.7778

■ 48.7777, 67.9229,
105.1473

■ 86.8531, 94.9385,
108.3551

■ 47.7236, 66.5021, 95.0500, 100.0000,
104.9286 108.9000

■ 47.5990, 66.3180,
104.8997

Harmonies

Analogous

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



58.6364, 77.3501, 81.3836



60.0625, 77.3501, 106.3722



64.9947, 77.3501, 128.6100

Triad

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



60.0625, 77.3501, 106.3722



87.7165, 77.3501, 112.2869



74.5256, 77.3501, 46.1725

Complementary

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



60.0625, 77.3501, 106.3722



54.8623, 41.9492, 26.6802

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.



82.7577, 77.3501, 51.4390



60.0625, 77.3501, 106.3722



90.7280, 77.3501, 87.1239

Square

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



60.0625, 77.3501, 106.3722



80.8936, 77.3501, 132.4536



88.8486, 77.3501, 65.3807



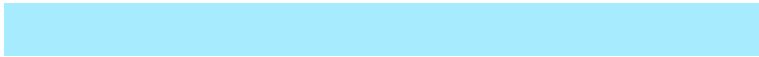
66.6067, 77.3501, 49.4005

Rectangle

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



60.0625, 77.3501, 106.3722



69.8146, 77.3501, 137.2650



88.8486, 77.3501, 65.3807



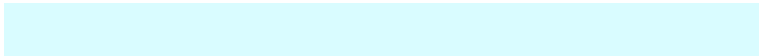
77.3520, 77.3501, 46.9778

Sweetspot

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



60.0646, 77.3530, 106.3726



81.3752, 91.5017, 107.9804



49.8011, 78.2178, 37.0032



17.0526, 19.3538, 23.0868



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

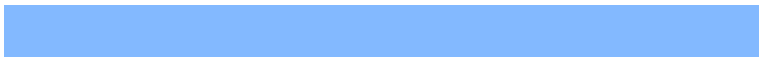
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.0646, 77.3530, 106.3726



56.1990, 74.4991, 106.0255



44.7049, 46.6336, 101.2527



18.4222, 20.2160, 23.1811



24.9239, 34.7574, 54.8298



2.4623, 3.4554, 5.3504

Inverse Universe

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



65.8391, 44.0870, 91.4289



62.6974, 38.2720, 88.9375



66.2866, 64.7978, 30.4883



18.7258, 18.2736, 22.4390



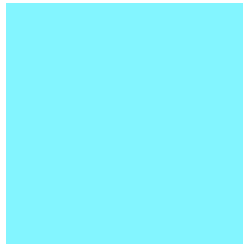
29.3686, 14.2367, 42.1873



2.8775, 1.3934, 4.2022

Previews

White Background



This preview shows how the XYZ color 60.0625, 77.3501, 106.3722 looks on a white background.

Color Contrast Check

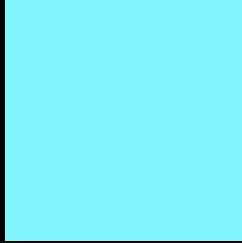
Large Text (above 18pt) WCAG AA × Fail

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 60.0625, 77.3501, 106.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

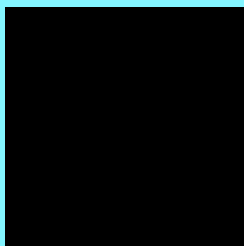
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

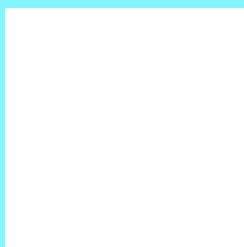
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0625, 77.3501, 106.3722

Background



This preview shows how black text looks on a background with the XYZ color 60.0625, 77.3501, 106.3722.

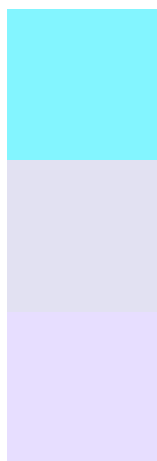


This preview shows how white text looks on a background with the XYZ color 60.0625, 77.3501,

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

60.0625, 77.3501, 106.3722

Protanopia

74.3163, 76.4300, 94.8400

Deuteranopia

77.1263, 76.4515, 105.2994



Tritanopia

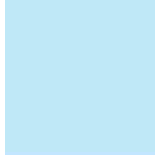
64.1104, 77.2216, 106.1340

Trichromacy



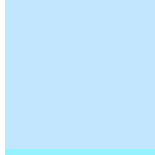
Original Color

60.0625, 77.3501, 106.3722



Protanomaly

67.1310, 75.5050, 99.0314



Deuteranomaly

68.8525, 75.4157, 105.5355



Tritanomaly

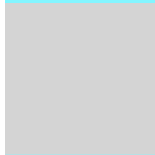
62.5646, 77.3036, 106.2313

Monochromacy



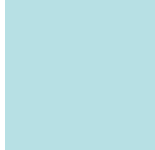
Original Color

60.0625, 77.3501, 106.3722



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.1877, 68.9800, 83.5410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0625, 77.3501, 106.3722 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(131, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 245, 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(131, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.0625, 77.3501, 106.3722 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(131, 245, 255) }
```


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

```
.border{ border-color:rgb(131, 245, 255) }
```

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

Here you see how a box with a 4 pixel rgb(131, 245, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0625, 77.3501, 106.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 245, 255) }
```

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

```
.background{ background-color: rgb(131,  
245, 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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