

Converting Colors

XYZ(60.2098, 76.8313,
106.2643)

Have a look what the booklet for
XYZ(60.2098, 76.8313, 106.2643)
contains.

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Color

**XYZ(60.2322, 76.9897,
106.2937)**

Conversions

Conversions Part 1

Format	Color
Hex	86F4FF
RGB	134, 244, 255
RGB Percent	53%, 96%, 100%
CMY	0.4745, 0.0431, 0.0000
CMYK	0.47, 0.04, 0.00, 0.00
HSL	185°, 100%, 76%
HSV	185°, 47%, 100%
XYZ	60.2322, 76.9897, 106.2937
YIQ	212.3640, -69.0910, -19.8990

Conversions

Conversions Part 2

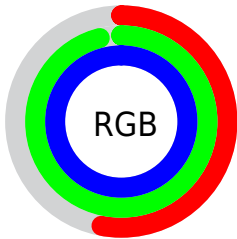
Format	Color
RYB	134, 192, 255
Decimal	8844543
CIELab	90.32, -28.79, -15.10
CIELCh	90, 32.510, 207.670
Yxy	76.9897, 0.2473, 0.3162
Android (android.graphics.Color)	4287034623 (0xFF86F4FF)
YUV	212.3640, 21.0195, -68.7252
Hunter-Lab	87.7438, -31.0193, -10.4039

Details

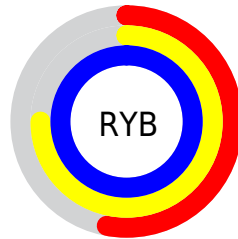
The XYZ color **60.2322, 76.9897, 106.2937** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.6691, 43.2326, 27.9669**, and the grayscale version is **62.7208, 65.9872, 71.8600**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **30.6359, 40.9956, 59.7243** is the 20% darker color. If you saturate the color by 10%, you get **55.9549, 73.7578, 105.8953**, and if you desaturate by 10%, it is **65.5022, 80.7500, 106.7417**.

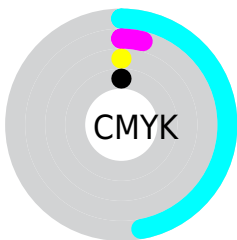
Distribution



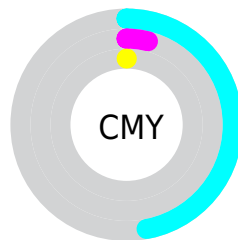
- Red (53%)
- Green (96%)
- Blue (100%)



- Red (53%)
- Yellow (75%)
- Blue (100%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2322, 76.9897, 106.2937 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 60.2322, 76.9897, 106.2937 by changing the saturation by 10% instead.

60.2322, 76.9897,
106.2937

60.2322, 76.9897,
106.2937

415.2742,
484.7289, 601.6060

43.8560, 57.2444,
80.9209

104.2709,
129.1249, 171.9067

30.7547, 41.2015,
59.9458

132.6640,
162.2837, 212.9839

20.5631, 28.4766,
42.9500

165.7936,
200.6824, 260.1330

12.9156, 18.6852,
29.5148

204.0248,
244.7054, 313.7726

7.4471, 11.4430,
19.2216

247.7231,
294.7372, 374.3211

3.7920, 6.3657,
11.6521

297.2539,

1.5852, 3.0687,

351.1621, 442.1972

6.3876

352.9825,
414.3646, 517.8193

■ 0.3827, 1.1677,
3.0096

■ 0.0000, 0.0351,
1.0995

■ 60.2322, 76.9897,
106.2937

■ 60.2322, 76.9897,
106.2937

■ 55.9549, 73.7578,
105.8953

■ 65.5022, 80.7500,
106.7417

■ 52.5924, 71.0086,
105.5419

■ 71.8231, 85.0633,
107.2411

■ 50.0655, 68.7031,
105.2300

■ 79.2560, 89.9630,
107.7951

■ 48.2781, 66.7918,
104.9553

■ 87.8557, 95.4773,
108.4062

■ 47.1055, 65.2101, 95.0500, 100.0000,
104.7118 108.9000

■ 46.8575, 64.8351,
104.6525

Harmonies

Analogous

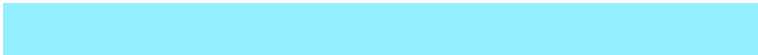
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.6925, 76.9897, 82.0286



60.2322, 76.9897, 106.2937



65.1597, 76.9897, 127.4467

Triad

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



60.2322, 76.9897, 106.2937



87.1405, 76.9897, 110.0153



73.8113, 76.9897, 46.6944

Complementary

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



60.2322, 76.9897, 106.2937



55.6691, 43.2326, 27.9669

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.



81.8251, 76.9897, 51.5066



60.2322, 76.9897, 106.2937



89.8663, 76.9897, 85.6549

Square

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



60.2322, 76.9897, 106.2937



80.6494, 76.9897, 129.8590



87.8537, 76.9897, 64.7754



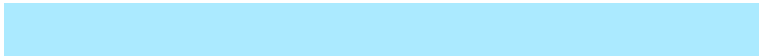
66.1799, 76.9897, 50.2073

Rectangle

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



60.2322, 76.9897, 106.2937



69.9009, 76.9897, 135.3875



87.8537, 76.9897, 64.7754



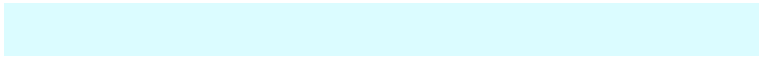
76.5526, 76.9897, 47.3691

Sweetspot

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



60.2343, 76.9926, 106.2941



82.0875, 91.7940, 107.9993



50.6332, 78.6051, 38.9246



17.1874, 19.4007, 23.0888



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.



60.2343, 76.9926, 106.2941



56.1268, 73.8923, 105.9122



45.1102, 46.7445, 101.2528



18.4054, 20.1824, 23.1755



24.5423, 33.9942, 54.7026



2.4292, 3.3890, 5.3394

Inverse Universe

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



66.0956, 44.8436, 90.7632



62.7738, 38.7347, 88.0076



67.2758, 66.4460, 31.8358



18.7173, 18.2702, 22.3943



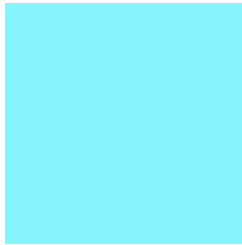
29.1760, 14.1597, 41.1729



2.8607, 1.3867, 4.1140

Previews

White Background



This preview shows how the XYZ color 60.2322, 76.9897, 106.2937 looks on a white background.

Color Contrast Check

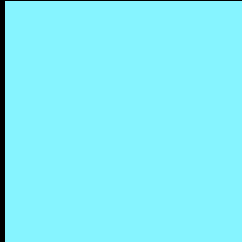
Large Text (above 18pt) WCAG AA × Fail

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 60.2322, 76.9897, 106.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

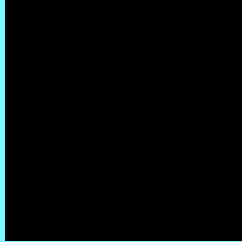
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2322, 76.9897, 106.2937

Background



This preview shows how black text looks on a background with the XYZ color 60.2322, 76.9897, 106.2937.

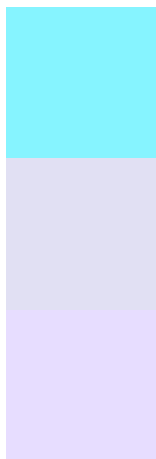


This preview shows how white text looks on a background with the XYZ color 60.2322, 76.9897,

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

60.2322, 76.9897, 106.2937

Protanopia

73.8847, 75.7899, 95.5288

Deuteranopia

76.8614, 75.9218, 105.2111



Tritanopia

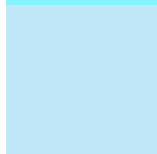
63.6144, 76.5301, 106.0267

Trichromacy



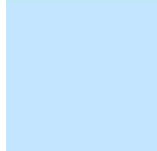
Original Color

60.2322, 76.9897, 106.2937



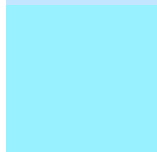
Protanomaly

67.1026, 75.0737, 98.9497



Deuteranomaly

68.8343, 74.9944, 105.4552



Tritanomaly

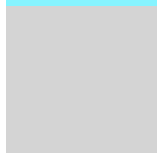
62.2678, 76.7099, 106.1324

Monochromacy



Original Color

60.2322, 76.9897, 106.2937



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.4264, 69.1031, 83.5522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2322, 76.9897, 106.2937 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(134, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 244, 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(134, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.2322, 76.9897, 106.2937 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(134, 244, 255) }
```


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

```
.border{ border-color:rgb(134, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2322, 76.9897, 106.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 244, 255) }
```

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

```
.background{ background-color: rgb(134,  
244, 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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