

Converting Colors

XYZ(60.4514, 82.2914,
101.5152)

Have a look what the booklet for
XYZ(60.4514, 82.2914, 101.5152)
contains.

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Color

**XYZ(60.4490, 82.2904,
101.5046)**

Conversions

Conversions Part 1

Format	Color
Hex	78FFF8
RGB	120, 255, 248
RGB Percent	47%, 100%, 97%
CMY	0.5294, 0.0000, 0.0274
CMYK	0.53, 0.00, 0.03, 0.00
HSL	177°, 100%, 74%
HSV	177°, 53%, 100%
XYZ	60.4490, 82.2904, 101.5046
YIQ	213.8370, -78.2130, -30.7970

Conversions

Conversions Part 2

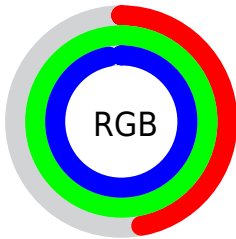
Format	Color
RYB	120, 189, 255
Decimal	7929848
CIELab	92.70, -38.56, -7.96
CIELCh	93, 39.374, 191.660
Yxy	82.2904, 0.2475, 0.3369
Android (android.graphics.Color)	4286119928 (0xFF78FFF8)
YUV	213.8370, 16.8424, -82.2950
Hunter-Lab	90.7141, -39.8028, -2.8428

Details

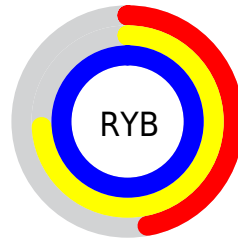
The XYZ color **60.4490, 82.2904, 101.5046** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **51.7882, 36.2268, 24.3430**, and the grayscale version is **63.7355, 67.0548, 73.0226**.

A 20% lighter version of the original color is **73.1014, 88.6851, 107.8728**, and **30.9751, 44.8469, 56.8929** is the 20% darker color. If you saturate the color by 10%, you get **57.1673, 80.6222, 100.2855**, and if you desaturate by 10%, it is **64.6758, 84.4456, 102.7784**.

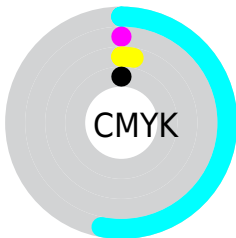
Distribution



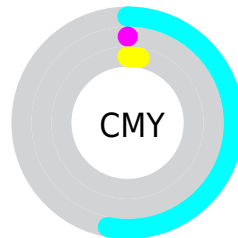
- Red (47%)
- Green (100%)
- Blue (97%)



- Red (47%)
- Yellow (74%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4490, 82.2904, 101.5046 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 60.4490, 82.2904, 101.5046 by changing the saturation by 10% instead.


 60.4490, 82.2904,
101.5046

 60.4490, 82.2904,
101.5046


416.0591,
502.6185, 586.2937


 44.0315, 61.6049,
76.9338


 104.5834,
136.5812, 165.2932

 30.8933, 44.7136,
56.6873


 133.0309,
170.9553, 205.3481

 20.6690, 31.2319,
40.3466

 166.2192,
210.6610, 251.4014

 12.9934, 20.7755,
27.4930

204.5136,
256.0828, 303.8717

 7.5009, 12.9600,
17.7081

248.2794,
307.6051, 363.1776

 3.8264, 7.4010,
10.5734

297.8820,

 1.6044, 3.7141,

365.6122, 429.7375

5.6702

353.6868,
430.4886, 503.9700

■ 0.3953, 1.5150,
2.5801

■ 0.0000, 0.2992,
0.8821

■ 60.4490, 82.2904,
101.5046

■ 60.4490, 82.2904,
101.5046

■ 57.1673, 80.6222,
100.2855

■ 64.6758, 84.4456,
102.7784

■ 54.7508, 79.3999,
99.1130

■ 69.9126, 87.1213,
104.1055

■ 53.1122, 78.5784,
97.9845

■ 76.2223, 90.3499,
105.4905

■ 52.1441, 78.1025,
96.8948

■ 83.6618, 94.1608,
106.9360

■ 51.7541, 77.9176,
96.1436

■ 92.2839, 98.5812,
108.4444

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



60.9512, 82.2904, 72.9798



60.4490, 82.2904, 101.5046



64.3886, 82.2904, 132.6230

Triad

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



60.4490, 82.2904, 101.5046



92.0671, 82.2904, 138.7587



84.5845, 82.2904, 45.9760

Complementary

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



60.4490, 82.2904, 101.5046



51.7882, 36.2268, 24.3430

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.



93.8903, 82.2904, 57.0612



60.4490, 82.2904, 101.5046



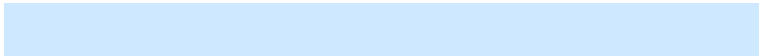
98.4638, 82.2904, 108.5699

Square

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



60.4490, 82.2904, 101.5046



82.2677, 82.2904, 157.0660



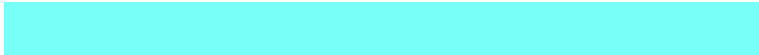
99.1588, 82.2904, 78.6651



74.2968, 82.2904, 44.8930

Rectangle

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



60.4490, 82.2904, 101.5046



69.2227, 82.2904, 149.0601



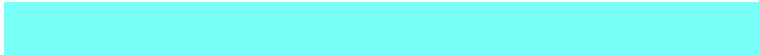
99.1588, 82.2904, 78.6651



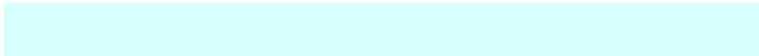
87.9532, 82.2904, 48.5212

Sweetspot

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



60.4501, 82.2909, 101.5061



81.2613, 92.9308, 106.4869



48.2046, 77.5438, 30.1979



17.0609, 19.7207, 22.7286



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.



60.4501, 82.2909, 101.5061



56.8712, 80.4720, 100.1589



45.6500, 50.9204, 102.0304



18.5118, 20.4642, 22.9980



27.0603, 40.7207, 50.3304



2.6468, 3.9696, 4.9636

Inverse Universe

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



51.7882, 36.2268, 24.3430



47.3627, 29.8048, 15.3794



60.6512, 54.6577, 25.1245



18.0475, 18.0023, 18.8675



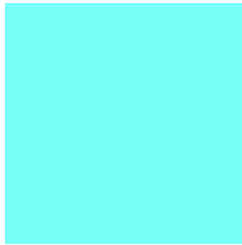
21.6031, 11.1305, 1.2945



2.1162, 1.0889, 0.1935

Previews

White Background



This preview shows how the XYZ color 60.4490, 82.2904, 101.5046 looks on a white background.

Color Contrast Check

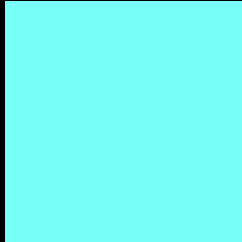
Large Text (above 18pt) WCAG AA × Fail

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 60.4490, 82.2904, 101.5046 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 60.4490, 82.2904, 101.5046

Background



This preview shows how black text looks on a background with the XYZ color 60.4490, 82.2904, 101.5046.

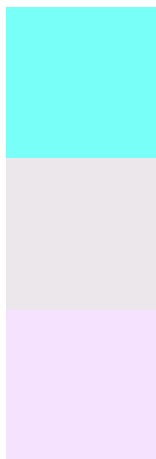


This preview shows how white text looks on a background with the XYZ color 60.4490, 82.2904,

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

60.4490, 82.2904, 101.5046

Protanopia

78.0193, 80.9252, 89.3500

Deuteranopia

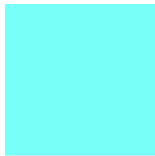
82.7419, 80.9609, 105.0320



Tritanopia

69.8678, 81.5115, 106.6586

Trichromacy



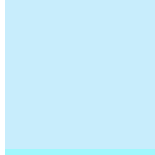
Original Color

60.4490, 82.2904, 101.5046



Protanomaly

68.9882, 80.0215, 93.4710



Deuteranomaly

71.6743, 79.8760, 103.7354



Tritanomaly

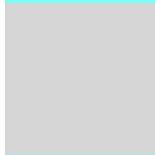
65.5294, 81.1269, 104.3007

Monochromacy



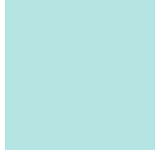
Original Color

60.4490, 82.2904, 101.5046



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.5692, 71.2329, 82.5085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4490, 82.2904, 101.5046 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(120, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(120, 255, 248)  
}
```

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(120, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 60.4490, 82.2904, 101.5046 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(120, 255, 248) }
```


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

```
.border{ border-color:rgb(120, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(120, 255,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4490, 82.2904, 101.5046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 255, 248) }
```

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

```
.background{ background-color: rgb(120,  
255, 248) }
```

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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