

Converting Colors

XYZ(61.4218, 82.8587, 98.5300)

Have a look what the booklet for
XYZ(61.4218, 82.8587, 98.5300)
contains.

XYZ(61.4492, 82.8769, 98.3461)	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(61.4492, 82.8769,
98.3461)**

Conversions

Conversions Part 1

Format	Color
Hex	83FFF4
RGB	131, 255, 244
RGB Percent	51%, 100%, 96%
CMY	0.4863, 0.0000, 0.0431
CMYK	0.49, 0.00, 0.04, 0.00
HSL	175°, 100%, 76%
HSV	175°, 49%, 100%
XYZ	61.4492, 82.8769, 98.3461
YIQ	216.6700, -70.3730, -29.7090

Conversions

Conversions Part 2

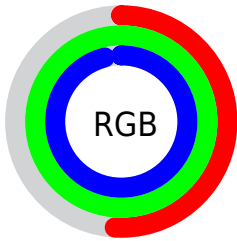
Format	Color
RYB	131, 196, 255
Decimal	8650740
CIELab	92.96, -37.31, -5.47
CIELCh	93, 37.712, 188.333
Yxy	82.8769, 0.2532, 0.3415
Android (android.graphics.Color)	4286840820 (0xFF83FFF4)
YUV	216.6700, 13.4737, -75.1326
Hunter-Lab	91.0368, -38.8280, -0.3247

Details

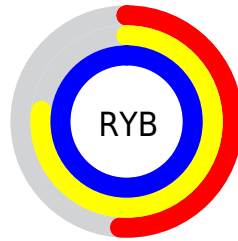
The XYZ color **61.4492, 82.8769, 98.3461** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.2397, 39.4471, 30.3478**, and the grayscale version is **65.6732, 69.0933, 75.2426**.

A 20% lighter version of the original color is **75.2959, 89.8164, 107.9755**, and **31.5859, 45.2123, 54.6390** is the 20% darker color. If you saturate the color by 10%, you get **57.6332, 80.9491, 96.3870**, and if you desaturate by 10%, it is **66.2433, 85.3085, 100.3759**.

Distribution



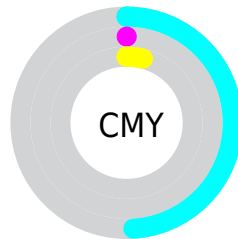
- Red (51%)
- Green (100%)
- Blue (96%)



- Red (51%)
- Yellow (77%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4492, 82.8769, 98.3461 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 61.4492, 82.8769, 98.3461 by changing the saturation by 10% instead.


 61.4492, 82.8769,
98.3461


 61.4492, 82.8769,
98.3461


419.6687,
504.5762, 576.0783


 44.8417, 62.0886,
74.3108


 106.0235,
137.4030, 160.9145

 31.5335, 45.1043,
54.5502


 134.7210,
171.9097, 200.2847

 21.1593, 31.5396,
38.6455


 168.1793,
211.7579, 245.6036

 13.3536, 21.0101,
26.1784

206.7636,
257.3320, 297.2899

 7.7511, 13.1314,
16.7302

250.8393,
309.0165, 355.7619

 3.9866, 7.5191,
9.8824

300.7719,

 1.6946, 3.7888,

367.1958, 421.4383

5.2165

356.9266,
432.2542, 494.7376

■ 0.4529, 1.5561,
2.3139

■ 0.0000, 0.3277,
0.7390

■ 61.4492, 82.8769,
98.3461

■ 61.4492, 82.8769,
98.3461

■ 57.6332, 80.9491,
96.3870

■ 66.2433, 85.3085,
100.3759

■ 54.7195, 79.4860,
94.4906

■ 72.0776, 88.2757,
102.4750

■ 52.6263, 78.4454,
92.6544

■ 79.0126, 91.8099,
104.6478

■ 51.2557, 77.7768,
90.8738

■ 87.1034, 95.9395,
106.8968

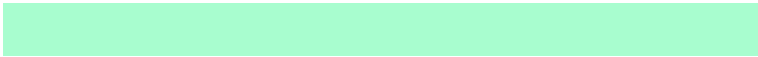
■ 50.4680, 77.4083, 95.0500, 100.0000,
89.1422 108.9000

■ 50.3798, 77.3679,
88.9068

Harmonies

Analogous

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



62.4206, 82.8769, 71.6249



61.4492, 82.8769, 98.3461



64.8053, 82.8769, 128.3153

Triad

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



61.4492, 82.8769, 98.3461



91.1369, 82.8769, 139.9319



85.9876, 82.8769, 48.5707

Complementary

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



61.4492, 82.8769, 98.3461



54.2397, 39.4471, 30.3478

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.



94.6138, 82.8769, 60.5555



61.4492, 82.8769, 98.3461



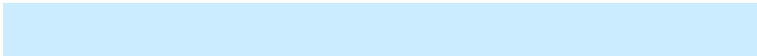
97.7553, 82.8769, 111.8270

Square

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



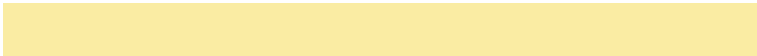
61.4492, 82.8769, 98.3461



81.5542, 82.8769, 155.3958



99.0781, 82.8769, 82.5899



76.0539, 82.8769, 46.4416

Rectangle

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



61.4492, 82.8769, 98.3461



69.2244, 82.8769, 144.8441



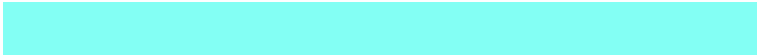
99.0781, 82.8769, 82.5899



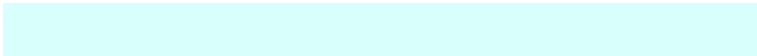
89.1595, 82.8769, 51.4385

Sweetspot

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



61.4503, 82.8775, 98.3476



81.8095, 93.2368, 105.4542



51.2550, 79.0347, 34.0284



17.1585, 19.7769, 22.4709



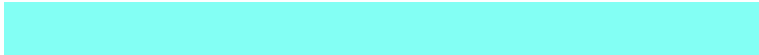
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.4503, 82.8775, 98.3476



57.8446, 81.0557, 96.5077



49.3385, 55.9010, 102.7973



18.4813, 20.4520, 22.8373



26.3533, 40.4379, 46.6073



2.5855, 3.9451, 4.6409

Inverse Universe

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



54.2397, 39.4471, 30.3478



49.9116, 33.1576, 21.6083



61.7804, 55.7854, 28.9861



18.0748, 18.0132, 19.0110



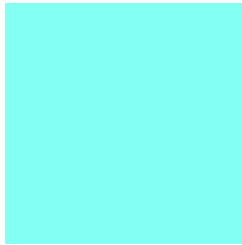
21.6497, 11.1492, 1.5398



2.1291, 1.0940, 0.2613

Previews

White Background



This preview shows how the XYZ color 61.4492, 82.8769, 98.3461 looks on a white background.

Color Contrast Check

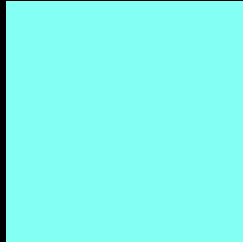
Large Text (above 18pt) WCAG AA × Fail

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 61.4492, 82.8769, 98.3461 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

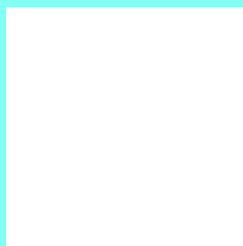
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4492, 82.8769, 98.3461

Background



This preview shows how black text looks on a background with the XYZ color 61.4492, 82.8769, 98.3461.

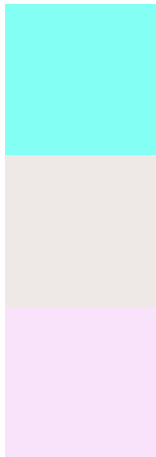


This preview shows how white text looks on a background with the XYZ color 61.4492, 82.8769,

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

61.4492, 82.8769, 98.3461

Protanopia

78.5403, 81.6599, 87.2237

Deuteranopia

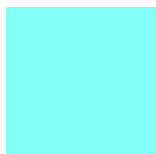
83.4358, 81.7968, 101.8333



Tritanopia

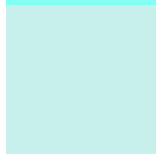
71.0869, 82.1400, 106.7157

Trichromacy



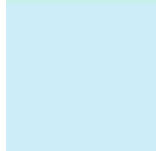
Original Color

61.4492, 82.8769, 98.3461



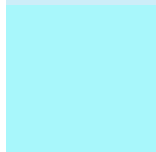
Protanomaly

69.8536, 80.5184, 91.2168



Deuteranomaly

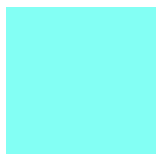
72.4043, 80.3248, 100.4951



Tritanomaly

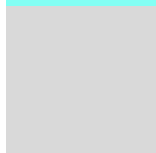
66.8218, 81.8114, 103.5361

Monochromacy



Original Color

61.4492, 82.8769, 98.3461



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.6907, 73.1370, 83.4857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4492, 82.8769, 98.3461 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, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(131, 255, 244)  
}
```

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, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 255, 244) }
```

Border

The CSS property to change the border of an element to XYZ 61.4492, 82.8769, 98.3461 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, 255, 244) }
```


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

```
.border{ border-color:rgb(131, 255, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(131, 255,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4492, 82.8769, 98.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 255, 244) }
```

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

```
.background{ background-color: rgb(131,  
255, 244) }
```

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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