

Converting Colors

XYZ(61.5061, 82.9285, 97.3419)

Have a look what the booklet for
XYZ(61.5061, 82.9285, 97.3419)
contains.

XYZ(61.6105, 82.9776, 97.5631)	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(61.6105, 82.9776,
97.5631)**

Conversions

Conversions Part 1

Format	Color
Hex	85FFF3
RGB	133, 255, 243
RGB Percent	52%, 100%, 95%
CMY	0.4784, 0.0000, 0.0471
CMYK	0.48, 0.00, 0.05, 0.00
HSL	174°, 100%, 76%
HSV	174°, 48%, 100%
XYZ	61.6105, 82.9776, 97.5631
YIQ	217.1540, -68.8600, -29.5960

Conversions

Conversions Part 2

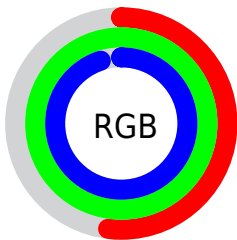
Format	Color
RYB	133, 197, 255
Decimal	8781811
CIELab	93.00, -37.13, -4.87
CIELCh	93, 37.444, 187.481
Yxy	82.9776, 0.2544, 0.3427
Android (android.graphics.Color)	4286971891 (0xFF85FFF3)
YUV	217.1540, 12.7421, -73.8031
Hunter-Lab	91.0920, -38.6818, 0.2625

Details

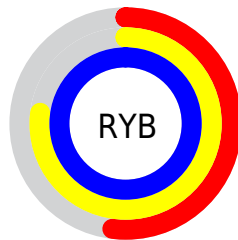
The XYZ color **61.6105, 82.9776, 97.5631** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.7392, 40.0808, 31.6405**, and the grayscale version is **66.0084, 69.4460, 75.6267**.

A 20% lighter version of the original color is **75.8023, 90.0775, 107.9992**, and **31.6895, 45.2781, 54.0830** is the 20% darker color. If you saturate the color by 10%, you get **57.6859, 80.9978, 95.4171**, and if you desaturate by 10%, it is **66.5194, 85.4641, 99.7851**.

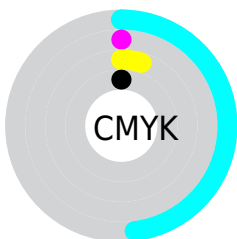
Distribution



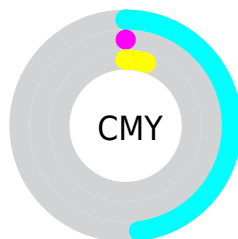
- Red (52%)
- Green (100%)
- Blue (95%)



- Red (52%)
- Yellow (77%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6105, 82.9776, 97.5631 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 61.6105, 82.9776, 97.5631 by changing the saturation by 10% instead.

61.6105, 82.9776,
97.5631

61.6105, 82.9776,
97.5631

420.2491,
504.9119, 573.5309

44.9725, 62.1717,
73.6614

106.2555,
137.5441, 159.8268

31.6369, 45.1714,
54.0219

134.9932,
172.0734, 199.0260

21.2385, 31.5925,
38.2259

168.4948,
211.9460, 244.1614

13.4119, 21.0504,
25.8548

207.1257,
257.5463, 295.6515

7.7918, 13.1609,
16.4903

251.2512,
309.2586, 353.9150

4.0127, 7.5394,
9.7137

301.2367,

1.7093, 3.8017,

367.4674, 419.3704

5.1064

357.4476,
432.5570, 492.4362

0.4621, 1.5632,
2.2500

0.0000, 0.3326,
0.7030

61.6105, 82.9776,
97.5631

61.6105, 82.9776,
97.5631

57.6859, 80.9978,
95.4171

66.5194, 85.4641,
99.7851

54.6706, 79.4863,
93.3391

72.4743, 88.4893,
102.0816

52.4838, 78.4012,
91.3267

79.5354, 92.0842,
104.4572

51.0289, 77.6929,
89.3752

87.7575, 96.2770,
106.9145

■ 50.1769, 77.2947,
87.4785

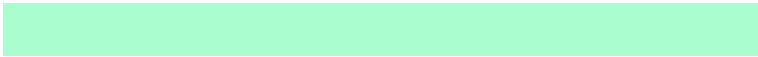
95.0500, 100.0000,
108.9000

■ 50.0318, 77.2287,
87.0744

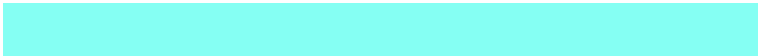
Harmonies

Analogous

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



62.7003, 82.9776, 71.2040



61.6105, 82.9776, 97.5631



64.8307, 82.9776, 127.3534

Triad

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



61.6105, 82.9776, 97.5631



90.9069, 82.9776, 140.3351



86.3122, 82.9776, 49.0816

Complementary

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



61.6105, 82.9776, 97.5631



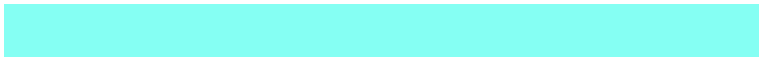
54.7392, 40.0808, 31.6405

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.



94.7974, 82.9776, 61.3112



61.6105, 82.9776, 97.5631



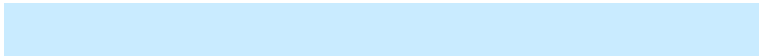
97.5998, 82.9776, 112.6495

Square

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



61.6105, 82.9776, 97.5631



81.3482, 82.9776, 155.1646



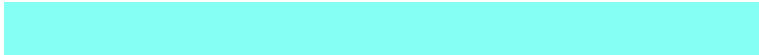
99.0795, 82.9776, 83.4986



76.4382, 82.9776, 46.6862

Rectangle

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



61.6105, 82.9776, 97.5631



69.1591, 82.9776, 143.9621



99.0795, 82.9776, 83.4986



89.4449, 82.9776, 52.0347

Sweetspot

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



61.6115, 82.9781, 97.5646



82.5535, 93.6226, 105.3913



51.7070, 79.2519, 34.7639



17.3024, 19.8518, 22.4455



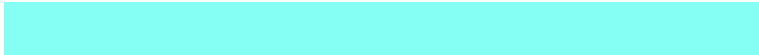
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.6115, 82.9781, 97.5646



57.9801, 81.1458, 95.5950



49.8435, 56.4468, 102.8760



18.4733, 20.4489, 22.7954



26.1742, 40.3663, 45.6639



2.5699, 3.9389, 4.5588

Inverse Universe

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



54.7392, 40.0808, 31.6405



50.4129, 33.7903, 22.9157



62.1616, 56.3288, 29.7883



18.0819, 18.0161, 19.0486



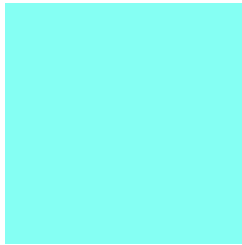
21.6647, 11.1552, 1.6189



2.1325, 1.0954, 0.2791

Previews

White Background



This preview shows how the XYZ color 61.6105, 82.9776, 97.5631 looks on a white background.

Color Contrast Check

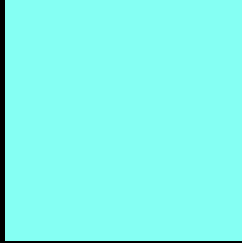
Large Text (above 18pt) WCAG AA × Fail

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 61.6105, 82.9776, 97.5631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

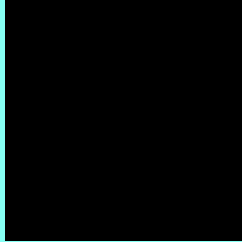
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6105, 82.9776, 97.5631

Background



This preview shows how black text looks on a background with the XYZ color 61.6105, 82.9776, 97.5631.

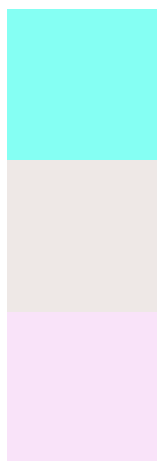


This preview shows how white text looks on a background with the XYZ color 61.6105, 82.9776,

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

61.6105, 82.9776, 97.5631

Protanopia

78.3994, 81.6035, 86.4819

Deuteranopia

83.6349, 81.9175, 101.0261



Tritanopia

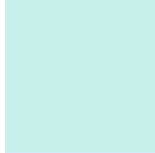
71.3358, 82.2683, 106.7273

Trichromacy



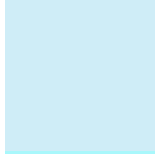
Original Color

61.6105, 82.9776, 97.5631



Protanomaly

69.9749, 80.5977, 90.4661



Deuteranomaly

72.8048, 80.5492, 99.7060



Tritanomaly

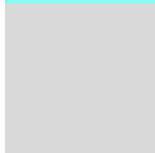
67.0355, 81.9216, 103.5461

Monochromacy



Original Color

61.6105, 82.9776, 97.5631



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.5531, 73.0819, 82.7608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6105, 82.9776, 97.5631 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(133, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 243)  
}
```

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(133, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 61.6105, 82.9776, 97.5631 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(133, 255, 243) }
```


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

```
.border{ border-color:rgb(133, 255, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6105, 82.9776, 97.5631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 243) }
```

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

```
.background{ background-color: rgb(133,  
255, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor