

Converting Colors

XYZ(69.1775, 100.0000,
96.1373)

Have a look what the booklet for
XYZ(69.1775, 100.0000, 96.1373)
contains.

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Color

**XYZ(60.4061, 82.4597,
92.8533)**

Conversions

Conversions Part 1

Format	Color
Hex	83FFED
RGB	131, 255, 237
RGB Percent	51%, 100%, 93%
CMY	0.4863, 0.0000, 0.0706
CMYK	0.49, 0.00, 0.07, 0.00
HSL	171°, 100%, 76%
HSV	171°, 49%, 100%
XYZ	60.4061, 82.4597, 92.8533
YIQ	215.8720, -68.1260, -31.8860

Conversions

Conversions Part 2

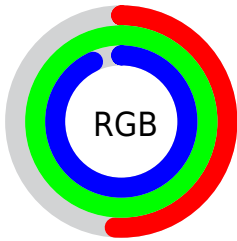
Format	Color
RYB	131, 198, 255
Decimal	8650733
CIELab	92.78, -38.98, -2.11
CIELCh	93, 39.042, 183.102
Yxy	82.4597, 0.2563, 0.3498
Android (android.graphics.Color)	4286840813 (0xFF83FFED)
YUV	215.8720, 10.4161, -74.4327
Hunter-Lab	90.8073, -40.1725, 2.9393

Details

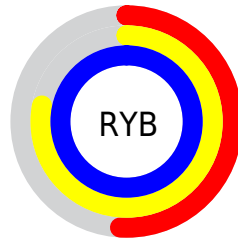
The XYZ color **60.4061, 82.4597, 92.8533** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.7819, 39.6638, 33.2035**, and the grayscale version is **65.1480, 68.5408, 74.6409**.

A 20% lighter version of the original color is **75.2959, 89.8164, 107.9755**, and **30.9185, 44.9533, 50.7633** is the 20% darker color. If you saturate the color by 10%, you get **56.3961, 80.4543, 89.8728**, and if you desaturate by 10%, it is **65.4010, 84.9715, 95.9410**.

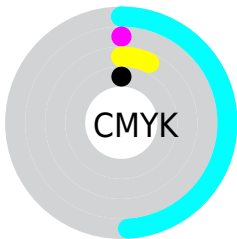
Distribution



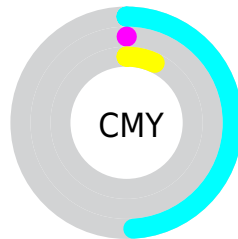
- Red (51%)
- Green (100%)
- Blue (93%)



- Red (51%)
- Yellow (78%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (49%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4061, 82.4597, 92.8533 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 60.4061, 82.4597, 92.8533 by changing the saturation by 10% instead.


 60.4061, 82.4597,
92.8533


 60.4061, 82.4597,
92.8533


415.9038,
503.1841, 558.0773


 43.9968, 61.7445,
69.7626


 104.5215,
136.8185, 153.2654

 30.8659, 44.8263,
50.8574


 132.9583,
171.2309, 191.4240

 20.6481, 31.3206,
35.7192


 166.1350,
210.9778, 235.4422

 12.9780, 20.8431,
23.9294

204.4169,
256.4436, 285.7386

 7.4903, 13.0094,
15.0696

248.1694,
308.0128, 342.7318

 3.8196, 7.4350,
8.7211

297.7578,

 1.6006, 3.7356,

366.0696, 406.8402

4.4654

353.5475,
430.9986, 478.4826

■ 0.3928, 1.5268,
1.8840

■ 0.0000, 0.3075,
0.4825

■ 60.4061, 82.4597,
92.8533

■ 60.4061, 82.4597,
92.8533

■ 56.3961, 80.4543,
89.8728

■ 65.4010, 84.9715,
95.9410

■ 53.2953, 78.9163,
86.9915

■ 71.4431, 88.0219,
99.1348

■ 51.0220, 77.8037,
84.2064

■ 78.5931, 91.6421,
102.4395

■ 49.4780, 77.0657,
81.5127

■ 86.9059, 95.8605,
105.8579

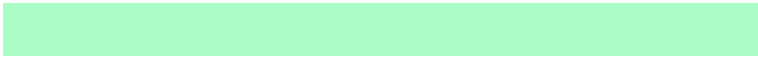
■ 48.5236, 76.6305, 95.0500, 100.0000,
78.9034 108.9000

■ 48.4131, 76.5812,
78.5502

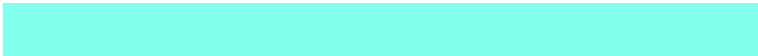
Harmonies

Analogous

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



62.1796, 82.4597, 66.7318



60.4061, 82.4597, 92.8533



63.0920, 82.4597, 124.0204

Triad

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



60.4061, 82.4597, 92.8533



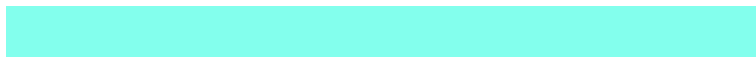
89.5616, 82.4597, 145.4225



87.5707, 82.4597, 48.4883

Complementary

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



60.4061, 82.4597, 92.8533



54.7819, 39.6638, 33.2035

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.



95.9470, 82.4597, 62.5116



60.4061, 82.4597, 92.8533



97.1646, 82.4597, 117.6153

Square

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



60.4061, 82.4597, 92.8533



79.4398, 82.4597, 158.2184



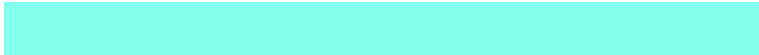
99.5958, 82.4597, 86.7843



77.3207, 82.4597, 44.6272

Rectangle

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



60.4061, 82.4597, 92.8533



67.1986, 82.4597, 142.5044



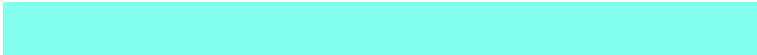
99.5958, 82.4597, 86.7843



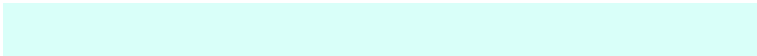
90.7277, 82.4597, 51.9945

Sweetspot

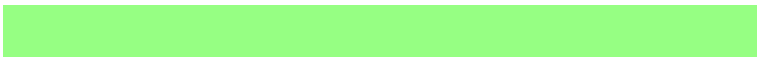
The Sweet Spot groups the original color and five complimentary colors.



60.4071, 82.4602, 92.8548



81.4699, 93.1010, 103.6656



52.3619, 79.6053, 34.0800



17.0759, 19.7438, 22.0357



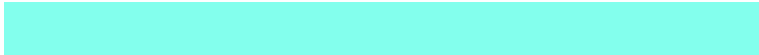
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.4071, 82.4602, 92.8548



56.6196, 80.5656, 90.0564



50.8548, 58.9337, 103.3027



18.4348, 20.4335, 22.5927



25.3402, 40.0327, 41.2723



2.4969, 3.9097, 4.1745

Inverse Universe

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



54.7819, 39.6638, 33.2035



50.4419, 33.3698, 24.4011



60.5511, 53.3269, 28.5761



18.1168, 18.0300, 19.2321



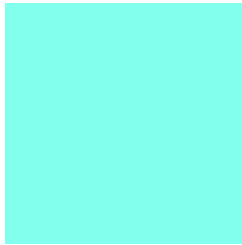
21.7555, 11.1915, 2.0972



2.1488, 1.1019, 0.3652

Previews

White Background



This preview shows how the XYZ color 60.4061, 82.4597, 92.8533 looks on a white background.

Color Contrast Check

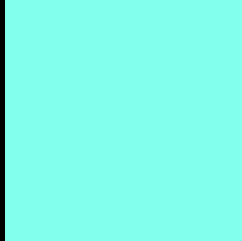
Large Text (above 18pt) WCAG AA × Fail

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 60.4061, 82.4597, 92.8533 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 60.4061, 82.4597, 92.8533

Background



This preview shows how black text looks on a background with the XYZ color 60.4061, 82.4597, 92.8533.

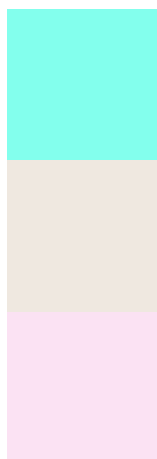


This preview shows how white text looks on a background with the XYZ color 60.4061, 82.4597,

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

60.4061, 82.4597, 92.8533

Protanopia

77.9078, 81.4458, 82.1354

Deuteranopia

83.1577, 81.3730, 96.1177



Tritanopia

70.5941, 81.8860, 106.6926

Trichromacy



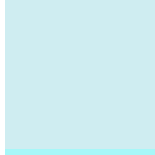
Original Color

60.4061, 82.4597, 92.8533



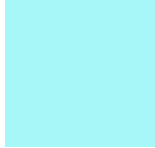
Protanomaly

69.1224, 80.2567, 85.9767



Deuteranomaly

71.8935, 80.1846, 94.9071



Tritanomaly

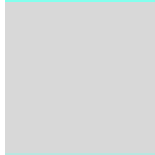
66.1404, 81.5143, 101.0548

Monochromacy



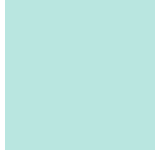
Original Color

60.4061, 82.4597, 92.8533



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.7589, 72.2897, 81.2193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4061, 82.4597, 92.8533 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(131, 255, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 60.4061, 82.4597, 92.8533 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, 237) }
```


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

```
.border{ border-color:rgb(131, 255, 237) }
```

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, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(131, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4061, 82.4597, 92.8533 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, 237) }
```

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

```
.background{ background-color: rgb(131,  
255, 237) }
```

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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