

Converting Colors

XYZ(60.5397, 82.4527, 96.2883)

Have a look what the booklet for
XYZ(60.5397, 82.4527, 96.2883)
contains.

XYZ(60.5393, 82.4601, 95.9447)	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(60.5393, 82.4601,
95.9447)**

Conversions

Conversions Part 1

Format	Color
Hex	80FFF1
RGB	128, 255, 241
RGB Percent	50%, 100%, 95%
CMY	0.4980, 0.0000, 0.0549
CMYK	0.50, 0.00, 0.05, 0.00
HSL	173°, 100%, 75%
HSV	173°, 50%, 100%
XYZ	60.5393, 82.4601, 95.9447
YIQ	215.4310, -71.1980, -31.2780

Conversions

Conversions Part 2

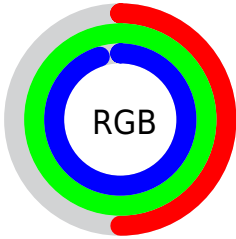
Format	Color
R_{YB}	128, 195, 255
Decimal	8454129
CIE _{Lab}	92.78, -38.67, -4.19
CIE _{LCh}	93, 38.896, 186.191
Yxy	82.4601, 0.2534, 0.3451
Android (android.graphics.Color)	4286644209 (0xFF80FFF1)
YUV	215.4310, 12.6055, -76.6770
Hunter-Lab	90.8075, -39.9114, 0.9211

Details

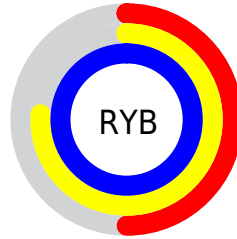
The XYZ color **60.5393, 82.4601, 95.9447** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **53.8426, 38.6528, 30.2155**, and the grayscale version is **64.8356, 68.2122, 74.2830**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **31.0009, 44.9477, 52.9408** is the 20% darker color. If you saturate the color by 10%, you get **56.7576, 80.5587, 93.5941**, and if you desaturate by 10%, it is **65.2931, 84.8618, 98.3775**.

Distribution



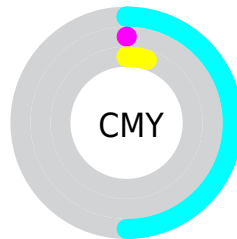
- Red (50%)
- Green (100%)
- Blue (95%)



- Red (50%)
- Yellow (76%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (50%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5393, 82.4601, 95.9447 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 60.5393, 82.4601, 95.9447 by changing the saturation by 10% instead.


 60.5393, 82.4601,
95.9447


 60.5393, 82.4601,
95.9447


416.3857,
503.1854, 568.2463

 44.1046, 61.7449,
72.3203


 104.7135,
136.8190, 157.5759

 30.9510, 44.8266,
52.9319


 133.1837,
171.2315, 196.4197

 20.7132, 31.3208,
37.3611


 166.3964,
210.9785, 241.1738

 13.0258, 20.8433,
25.1892

204.7171,
256.4445, 292.2566

 7.5234, 13.0095,
15.9978

248.5110,
308.0137, 350.0867

 3.8408, 7.4351,
9.3682

298.1435,

 1.6124, 3.7357,

366.0707, 415.0827

4.8821

353.9799,
430.9998, 487.6631

■ 0.4005, 1.5268,
2.1207

■ 0.0000, 0.3075,
0.6280

■ 60.5393, 82.4601,
95.9447

■ 60.5393, 82.4601,
95.9447

■ 56.7576, 80.5587,
93.5941

■ 65.2931, 84.8618,
98.3775

■ 53.8714, 79.1182,
91.3176

■ 71.0820, 87.7965,
100.8913

■ 51.7974, 78.0956,
89.1127

■ 77.9673, 91.2956,
103.4905

■ 50.4352, 77.4393,
86.9744

■ 86.0043, 95.3877,
106.1778

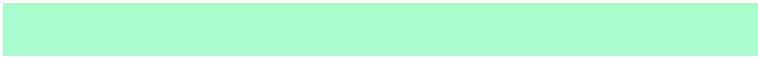
■ 49.6243, 77.0664, 95.0500, 100.0000,
84.8952 108.9000

■ 49.6103, 77.0601,
84.8544

Harmonies

Analogous

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



61.8504, 82.4601, 69.0689



60.5393, 82.4601, 95.9447



63.6641, 82.4601, 126.9747

Triad

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



60.5393, 82.4601, 95.9447



90.4668, 82.4601, 142.8367



86.5169, 82.4601, 47.7608

Complementary

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



60.5393, 82.4601, 95.9447



53.8426, 38.6528, 30.2155

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.



95.1955, 82.4601, 60.6742



60.5393, 82.4601, 95.9447



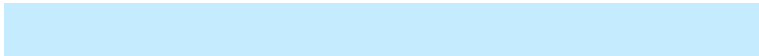
97.6101, 82.4601, 114.2775

Square

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



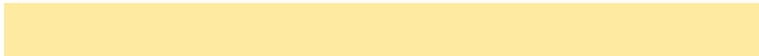
60.5393, 82.4601, 95.9447



80.4981, 82.4601, 157.5599



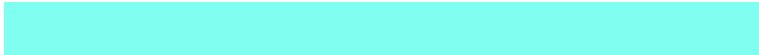
99.4111, 82.4601, 83.8948



76.2912, 82.4601, 44.9119

Rectangle

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



60.5393, 82.4601, 95.9447



68.0156, 82.4601, 144.6589



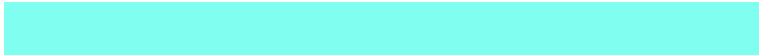
99.4111, 82.4601, 83.8948



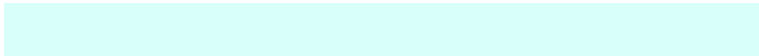
89.7382, 82.4601, 50.9082

Sweetspot

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



60.5403, 82.4606, 95.9462



81.6795, 93.1848, 104.7697



50.9534, 78.9024, 32.9680



17.1269, 19.7642, 22.3043



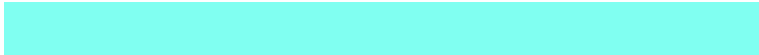
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.5403, 82.4606, 95.9462



56.6920, 80.5258, 93.5483



49.1010, 56.1058, 102.8493



18.4635, 20.4449, 22.7438



25.9571, 40.2794, 44.5208



2.5510, 3.9313, 4.4591

Inverse Universe

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



53.8426, 38.6528, 30.2155



49.3130, 32.0914, 21.0054



60.7969, 54.1392, 27.6695



18.0908, 18.0196, 19.0951



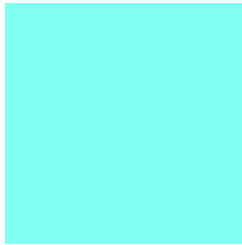
21.6849, 11.1633, 1.7252



2.1366, 1.0970, 0.3009

Previews

White Background



This preview shows how the XYZ color 60.5393, 82.4601, 95.9447 looks on a white background.

Color Contrast Check

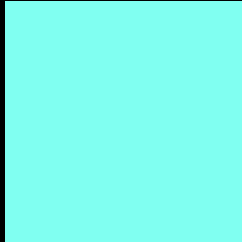
Large Text (above 18pt) WCAG AA × Fail

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 60.5393, 82.4601, 95.9447 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 60.5393, 82.4601, 95.9447

Background



This preview shows how black text looks on a background with the XYZ color 60.5393, 82.4601, 95.9447.

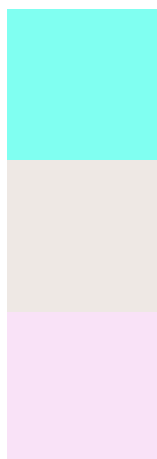


This preview shows how white text looks on a background with the XYZ color 60.5393, 82.4601,

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

60.5393, 82.4601, 95.9447

Protanopia

78.1201, 81.4918, 85.0109

Deuteranopia

83.0518, 81.2478, 99.3008



Tritanopia

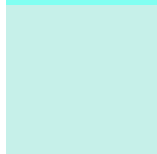
70.5941, 81.8860, 106.6926

Trichromacy



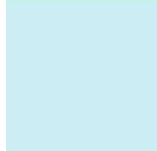
Original Color

60.5393, 82.4601, 95.9447



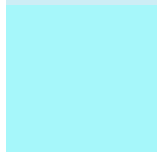
Protanomaly

69.1568, 80.2091, 88.9278



Deuteranomaly

71.9425, 80.1401, 98.0630



Tritanomaly

66.2420, 81.5306, 102.6881

Monochromacy



Original Color

60.5393, 82.4601, 95.9447



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.2798, 72.0427, 81.1969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5393, 82.4601, 95.9447 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(128, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(128, 255, 241)  
}
```

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(128, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 60.5393, 82.4601, 95.9447 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(128, 255, 241) }
```


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

```
.border{ border-color:rgb(128, 255, 241) }
```

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

Here you see how a box with a 4 pixel rgb(128, 255, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(128, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5393, 82.4601, 95.9447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 255, 241) }
```

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

```
.background{ background-color: rgb(128,  
255, 241) }
```

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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