

Converting Colors

XYZ(60.2188, 81.3917,
105.3867)

Have a look what the booklet for
XYZ(60.2188, 81.3917, 105.3867)
contains.

XYZ(60.3739, 81.6885, 105.5139)	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(60.3739, 81.6885,
105.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	74FEFD
RGB	116, 254, 253
RGB Percent	45%, 100%, 99%
CMY	0.5451, 0.0039, 0.0078
CMYK	0.54, 0.00, 0.00, 0.00
HSL	180°, 99%, 73%
HSV	180°, 54%, 100%
XYZ	60.3739, 81.6885, 105.5139
YIQ	212.6240, -81.9270, -29.5670

Conversions

Conversions Part 2

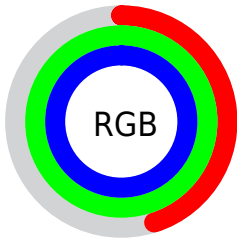
Format	Color
R _Y B	116, 185, 254
Decimal	7667453
CIE Lab	92.44, -37.59, -10.95
CIE LCh	92, 39.158, 196.246
Yxy	81.6885, 0.2439, 0.3300
Android (android.graphics.Color)	4285857533 (0xFF74FEFD)
YUV	212.6240, 19.9054, -84.7392
Hunter-Lab	90.3817, -38.9321, -5.9495

Details

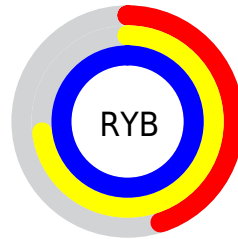
The XYZ color **60.3739, 81.6885, 105.5139** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.3321, 34.8485, 20.9060**, and the grayscale version is **62.9077, 66.1838, 72.0741**.

A 20% lighter version of the original color is **72.1701, 88.2050, 107.8292**, and **30.8445, 44.3894, 59.1669** is the 20% darker color. If you saturate the color by 10%, you get **57.4193, 80.1706, 105.2241**, and if you desaturate by 10%, it is **64.2563, 83.6884, 105.8509**.

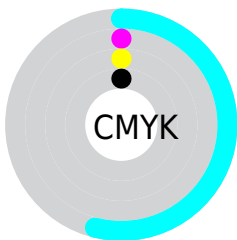
Distribution



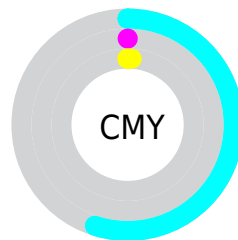
- Red (45%)
- Green (100%)
- Blue (99%)



- Red (45%)
- Yellow (73%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (55%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3739, 81.6885, 105.5139 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 60.3739, 81.6885, 105.5139 by changing the saturation by 10% instead.


 60.3739, 81.6885,
105.5139


 60.3739, 81.6885,
105.5139


415.7873,
500.6051, 599.1268


 43.9707, 61.1088,
80.2709

 104.4751,
135.7371, 170.8318

 30.8453, 44.3130,
59.4138


 132.9039,
169.9748, 211.7439

 20.6323, 30.9166,
42.5241


 166.0718,
209.5339, 258.7160

 12.9664, 20.5354,
29.1833

204.3443,
254.7989, 312.1667

 7.4823, 12.7848,
18.9727

248.0868,
306.1541, 372.5146

 3.8145, 7.2805,
11.4740

297.6645,

 1.5977, 3.6382,

363.9840, 440.1783

6.2684

353.4429,
428.6728, 515.5761

■ 0.3909, 1.4733,
2.9376

■ 0.0000, 0.2698,
1.0628

■ 60.3739, 81.6885,
105.5139

■ 60.3739, 81.6885,
105.5139

■ 57.4193, 80.1706,
105.2241

■ 64.2563, 83.6884,
105.8509

■ 55.3079, 79.0855,
104.9720

■ 69.1276, 86.1963,
106.2326

■ 53.9525, 78.3902,
104.7555

■ 75.0522, 89.2471,
106.6637

■ 53.2431, 78.0279,
104.5694

■ 82.0873, 92.8704,
107.1469

■ 53.0390, 77.9246,
104.4732

■ 90.2855, 97.0933,
107.6847

94.5899, 99.3089,
108.0404

94.6195, 99.3208,
108.1962

94.6491, 99.3326,
108.3521

94.6788, 99.3445,
108.5082

Harmonies

Analogous

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



60.1884, 81.6885, 76.3080



60.3739, 81.6885, 105.5139



64.9139, 81.6885, 135.7282

Triad

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



60.3739, 81.6885, 105.5139



92.6081, 81.6885, 133.4633



82.3752, 81.6885, 44.9548

Complementary

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



60.3739, 81.6885, 105.5139



50.3321, 34.8485, 20.9060

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.



91.9349, 81.6885, 54.3758



60.3739, 81.6885, 105.5139



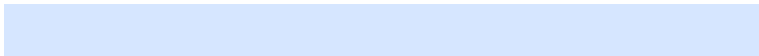
98.1815, 81.6885, 102.9052

Square

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



60.3739, 81.6885, 105.5139



83.2307, 81.6885, 154.1132



97.9249, 81.6885, 74.2081



72.3101, 81.6885, 45.3551

Rectangle

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



60.3739, 81.6885, 105.5139



70.0441, 81.6885, 150.5304



97.9249, 81.6885, 74.2081



85.7714, 81.6885, 46.9716

Sweetspot

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



60.3763, 81.6916, 105.5158



81.5523, 93.0472, 108.0194



46.1088, 76.0204, 28.7682



17.1312, 19.7488, 23.0986



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.



60.3763, 81.6916, 105.5158



57.7606, 80.7989, 106.1462



42.9286, 46.5398, 100.4899



18.5489, 20.4791, 23.1934



27.9644, 41.0824, 55.0913



2.7246, 4.0008, 5.3734

Inverse Universe

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



50.3321, 34.8485, 20.9060



46.6981, 29.1924, 12.9479



60.9001, 56.0783, 24.1394



18.0148, 17.9892, 18.6950



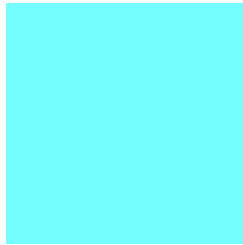
21.5564, 11.1119, 1.0485



2.1007, 1.0826, 0.1116

Previews

White Background



This preview shows how the XYZ color 60.3739, 81.6885, 105.5139 looks on a white background.

Color Contrast Check

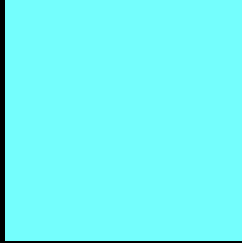
Large Text (above 18pt) WCAG AA × Fail

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 60.3739, 81.6885, 105.5139 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 60.3739, 81.6885, 105.5139

Background



This preview shows how black text looks on a background with the XYZ color 60.3739, 81.6885, 105.5139.

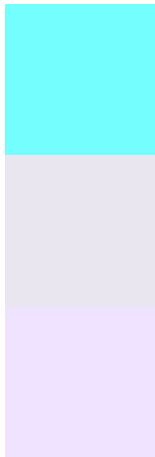


This preview shows how white text looks on a background with the XYZ color 60.3739, 81.6885,

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

60.3739, 81.6885, 105.5139

Protanopia

77.8085, 80.3180, 93.0633

Deuteranopia

81.4543, 80.6834, 105.8881



Tritanopia

68.9230, 81.0245, 106.6144

Trichromacy



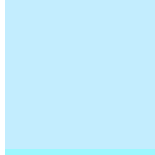
Original Color

60.3739, 81.6885, 105.5139



Protanomaly

68.6815, 79.3410, 97.2824



Deuteranomaly

70.6793, 79.3262, 105.3522



Tritanomaly

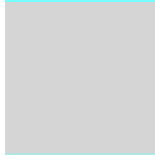
65.0548, 80.8454, 105.9419

Monochromacy



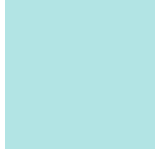
Original Color

60.3739, 81.6885, 105.5139



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.1071, 70.5532, 83.8489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3739, 81.6885, 105.5139 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(116, 254, 253)` looks like.

```
.text, #text, p{  
    color:rgb(116, 254, 253)  
}
```

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(116, 254, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 254, 253) }
```

Border

The CSS property to change the border of an element to XYZ 60.3739, 81.6885, 105.5139 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(116, 254, 253) }
```


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

```
.border{ border-color:rgb(116, 254, 253) }
```

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

Here you see how a box with a 4 pixel rgb(116, 254, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 254, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 254, 253);  
box-shadow:4px 4px 4px 4px rgb(116, 254,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3739, 81.6885, 105.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 254, 253) }
```

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

```
.background{ background-color: rgb(116,  
254, 253) }
```

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