

Converting Colors

XYZ(41.1084, 73.7528, 35.8637)

Have a look what the booklet for
XYZ(41.1084, 73.7528, 35.8637)
contains.

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Color

**XYZ(41.0747, 73.7382,
35.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	26FF89
RGB	38, 255, 137
RGB Percent	15%, 100%, 54%
CMY	0.8510, 0.0000, 0.4627
CMYK	0.85, 0.00, 0.46, 0.00
HSL	147°, 100%, 57%
HSV	147°, 85%, 100%
XYZ	41.0747, 73.7382, 35.7350
YIQ	176.6650, -91.4540, -82.7020

Conversions

Conversions Part 2

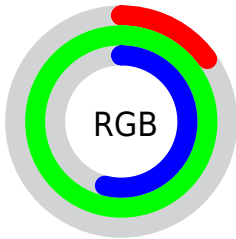
Format	Color
RYB	38, 187, 255
Decimal	2555785
CIELab	88.80, -73.70, 42.73
CIELCh	89, 85.190, 149.894
Yxy	73.7382, 0.2728, 0.4898
Android (android.graphics.Color)	4280745865 (0xFF26FF89)
YUV	176.6650, -19.5548, -121.6092
Hunter-Lab	85.8709, -64.8922, 35.4363

Details

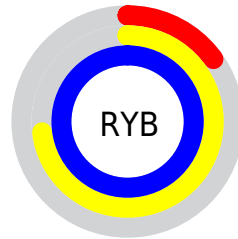
The XYZ color **41.0747, 73.7382, 35.7350** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **47.9344, 25.0471, 33.7621**, and the grayscale version is **41.7487, 43.9229, 47.8320**.

A 20% lighter version of the original color is **53.5866, 79.6109, 62.4113**, and **21.6059, 40.5884, 15.2899** is the 20% darker color. If you saturate the color by 10%, you get **39.5025, 73.0354, 30.7991**, and if you desaturate by 10%, it is **43.4178, 74.8237, 41.3768**.

Distribution



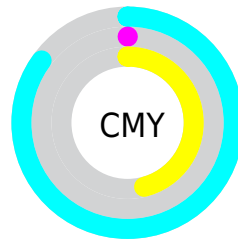
- Red (15%)
- Green (100%)
- Blue (54%)



- Red (15%)
- Yellow (73%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (85%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0747, 73.7382, 35.7350 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 41.0747, 73.7382, 35.7350 by changing the saturation by 10% instead.


 41.0747, 73.7382,
35.7350


 41.0747, 73.7382,
35.7350


341.6900,
473.5693, 342.8031

 28.5654, 54.5798,
23.9415


 76.0713, 124.5246,
69.7873


 18.8949, 39.0654,
15.0785


 99.2892, 156.9214,
92.8832

 11.6979, 26.8106,
8.7272


 126.8075,
194.4998, 120.5836

 6.6091, 17.4310,
4.4693

 158.9913,
237.6442, 153.3072

 3.2630, 10.5423,
1.8862

196.2061,
286.7389, 191.4723

 1.2943, 5.7600,
0.4839

238.8173,

 0.1790, 2.6997,

342.1684, 235.4977

0.0000

287.1901,
404.3171, 285.8018

■ 0.0000, 0.9770,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.0747, 73.7382,
35.7350

■ 41.0747, 73.7382,
35.7350

■ 39.5025, 73.0354,
30.7991


■ 43.4178, 74.8237,
41.3768


■ 38.9320, 72.7888,
28.6234


■ 46.6480, 76.3512,
47.7502


■ 50.8621, 78.3701,
54.8836

■ 56.1428, 80.9226,
62.8026

 62.5640, 84.0463,
71.5314

 70.1926, 87.7752,
81.0931

 79.0899, 92.1407,
91.5097

 89.3134, 97.1717,
102.8024

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.1225, 73.7382, 16.5950



41.0747, 73.7382, 35.7350



37.4414, 73.7382, 80.0788

Triad

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



41.0747, 73.7382, 35.7350



70.0127, 73.7382, 255.8064



110.3895, 73.7382, 35.9472

Complementary

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



41.0747, 73.7382, 35.7350



47.9344, 25.0471, 33.7621

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.



117.6867, 73.7382, 80.4983



41.0747, 73.7382, 35.7350



91.7646, 73.7382, 224.4655

Square

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



41.0747, 73.7382, 35.7350



52.0184, 73.7382, 224.0495



110.2904, 73.7382, 151.7841



91.9165, 73.7382, 16.6684

Rectangle

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



41.0747, 73.7382, 35.7350



39.0210, 73.7382, 125.4630



110.2904, 73.7382, 151.7841



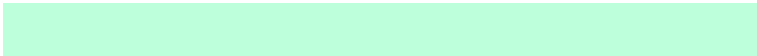
114.3752, 73.7382, 47.5132

Sweetspot

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



41.0752, 73.7384, 35.7362



69.4512, 87.4122, 80.1933



50.0836, 78.8636, 14.4168



14.2781, 18.4225, 16.4410



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.



41.0752, 73.7384, 35.7362



38.9320, 72.7888, 28.6234



52.9116, 78.4730, 98.0658



18.1162, 20.3060, 20.9148



20.4160, 38.0630, 15.3418



2.0421, 3.7278, 1.7798

Inverse Universe

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



47.9344, 25.0471, 33.7621



45.8757, 23.1143, 26.3411



42.4847, 22.8672, 5.0645



18.4226, 18.1523, 20.8424



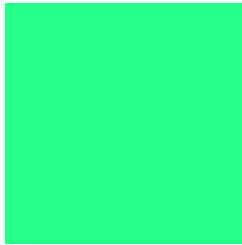
24.0474, 12.1082, 14.1659



2.3966, 1.2010, 1.6697

Previews

White Background



This preview shows how the XYZ color 41.0747, 73.7382, 35.7350 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 41.0747, 73.7382, 35.7350 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 41.0747, 73.7382, 35.7350

Background



This preview shows how black text looks on a background with the XYZ color 41.0747, 73.7382, 35.7350.



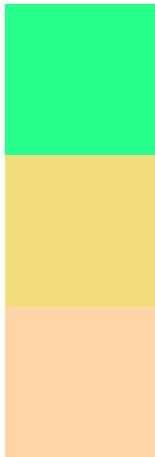
This preview shows how white text looks on a background with the XYZ color 41.0747, 73.7382,

35.7350.

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

41.0747, 73.7382, 35.7350

Protanopia

66.1125, 72.0454, 29.4904

Deuteranopia

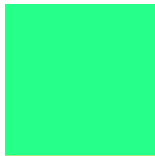
72.1021, 71.6757, 47.0804



Tritanopia

57.6778, 73.0362, 105.6652

Trichromacy



Original Color

41.0747, 73.7382, 35.7350



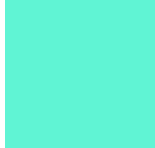
Protanomaly

49.2498, 68.1876, 31.3347



Deuteranomaly

51.7337, 67.1512, 42.1331



Tritanomaly

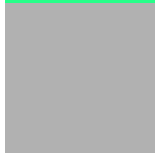
49.0582, 71.9416, 73.5878

Monochromacy



Original Color

41.0747, 73.7382, 35.7350



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

36.9571, 50.7069, 42.0220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0747, 73.7382, 35.7350 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(38, 255, 137)` looks like.

```
.text, #text, p{  
    color:rgb(38, 255, 137)  
}
```

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(38, 255, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 255, 137) }
```

Border

The CSS property to change the border of an element to XYZ 41.0747, 73.7382, 35.7350 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(38, 255, 137) }
```


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

```
.border{ border-color:rgb(38, 255, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 255, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 255, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 255, 137);  
box-shadow:4px 4px 4px 4px rgb(38, 255,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0747, 73.7382, 35.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 255, 137) }
```

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

```
.background{ background-color: rgb(38, 255,  
137) }
```

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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