

Converting Colors

XYZ(41.3182, 73.9858, 30.2347)

Have a look what the booklet for
XYZ(41.3182, 73.9858, 30.2347)
contains.

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Color

**XYZ(41.3255, 73.9905,
30.1927)**

Conversions

Conversions Part 1

Format	Color
Hex	40FF79
RGB	64, 255, 121
RGB Percent	25%, 100%, 47%
CMY	0.7490, 0.0000, 0.5255
CMYK	0.75, 0.00, 0.53, 0.00
HSL	138°, 100%, 63%
HSV	138°, 75%, 100%
XYZ	41.3255, 73.9905, 30.1927
YIQ	182.6150, -70.8220, -82.1660

Conversions

Conversions Part 2

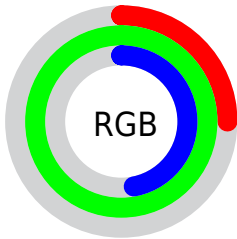
Format	Color
RYB	64, 211, 255
Decimal	4259705
CIELab	88.92, -73.44, 50.47
CIELCh	89, 89.116, 145.502
Yxy	73.9905, 0.2840, 0.5085
Android (android.graphics.Color)	4282449785 (0xFF40FF79)
YUV	182.6150, -30.3762, -104.0254
Hunter-Lab	86.0177, -64.7743, 39.4013

Details

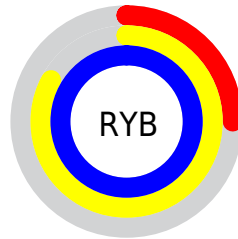
The XYZ color **41.3255, 73.9905, 30.1927** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **53.2662, 29.0040, 56.2154**, and the grayscale version is **44.9877, 47.3305, 51.5429**.

A 20% lighter version of the original color is **54.0777, 80.0579, 53.6768**, and **21.0096, 40.3499, 12.1498** is the 20% darker color. If you saturate the color by 10%, you get **39.0319, 72.9232, 24.8804**, and if you desaturate by 10%, it is **44.5805, 75.5297, 36.6144**.

Distribution



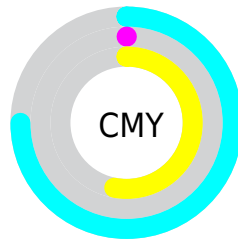
- Red (25%)
- Green (100%)
- Blue (47%)



- Red (25%)
- Yellow (83%)
- Blue (100%)



- Cyan (75%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)





- Cyan (75%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3255, 73.9905, 30.1927 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 41.3255, 73.9905, 30.1927 by changing the saturation by 10% instead.


 41.3255, 73.9905,
30.1927


 41.3255, 73.9905,
30.1927


342.7186,
474.4406, 317.0369


 28.7623, 54.7863,
19.7316


 76.4494, 124.8823,
61.0314


 19.0445, 39.2306,
12.0180


 99.7407, 157.3387,
82.2461

 11.8066, 26.9392,
6.6332


 127.3389,
194.9813, 107.8824

 6.6834, 17.5276,
3.1589

 159.6091,
238.1944, 138.3588

 3.3095, 10.6113,
1.1763

196.9169,
287.3625, 174.0939

 1.3194, 5.8061,
0.0000

239.6275,

 0.1977, 2.7276,

342.8700, 215.5063

0.0000

288.1063,
405.1012, 263.0144

■ 0.0000, 0.9912,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.3255, 73.9905,
30.1927

■ 41.3255, 73.9905,
30.1927

■ 39.0319, 72.9232,
24.8804

■ 44.5805, 75.5297,
36.6144


■ 37.5746, 72.2650,
20.6093


■ 48.8977, 77.5918,
44.2008


■ 37.0681, 72.0432,
18.8084


■ 54.3656, 80.2214,
53.0080

■ 61.0630, 83.4579,
63.0871

 69.0614, 87.3372,
74.4863

 78.4267, 91.8923,
87.2512

 89.2203, 97.1541,
101.4253

 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.



53.9018, 73.9905, 13.7990



41.3255, 73.9905, 30.1927



36.4882, 73.9905, 71.5815

Triad

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



41.3255, 73.9905, 30.1927



67.1154, 73.9905, 267.1032



114.9194, 73.9905, 39.4042

Complementary

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



41.3255, 73.9905, 30.1927



53.2662, 29.0040, 56.2154

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.



120.4477, 73.9905, 90.2662



41.3255, 73.9905, 30.1927



89.7870, 73.9905, 242.8956

Square

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



41.3255, 73.9905, 30.1927



49.3091, 73.9905, 223.9244



110.4551, 73.9905, 168.5661



96.5985, 73.9905, 16.8839

Rectangle

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



41.3255, 73.9905, 30.1927



37.3894, 73.9905, 116.7603



110.4551, 73.9905, 168.5661



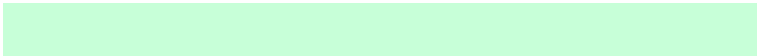
118.4768, 73.9905, 52.7461

Sweetspot

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



41.3259, 73.9906, 30.1939



71.6352, 88.5878, 78.0474



60.7416, 84.2916, 17.9192



14.8173, 18.7109, 15.9922



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.



41.3259, 73.9906, 30.1939



38.1934, 72.5411, 22.5769



49.9632, 77.4455, 75.6773



17.9946, 20.2574, 20.2747



19.4258, 37.6669, 10.1276



1.9371, 3.6858, 1.2266

Inverse Universe

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



53.2662, 29.0040, 56.2154



50.5153, 25.5436, 49.0054



45.6431, 25.9548, 16.0725



18.5481, 18.2026, 21.5036



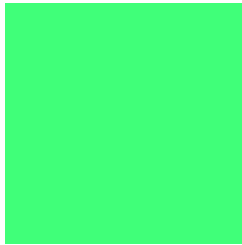
25.8639, 12.8349, 23.7316



2.5665, 1.2690, 2.5645

Previews

White Background



This preview shows how the XYZ color 41.3255, 73.9905, 30.1927 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 41.3255, 73.9905, 30.1927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

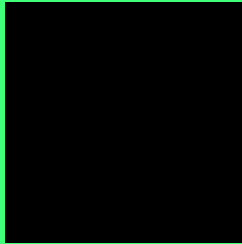
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3255, 73.9905, 30.1927

Background



This preview shows how black text looks on a background with the XYZ color 41.3255, 73.9905, 30.1927.

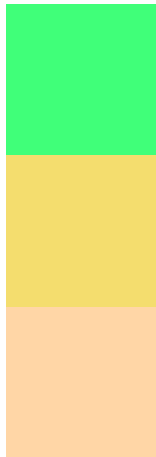


This preview shows how white text looks on a background with the XYZ color 41.3255, 73.9905,

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

41.3255, 73.9905, 30.1927

Protanopia

65.9792, 72.0718, 25.1856

Deuteranopia

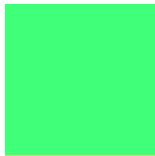
72.1695, 72.1063, 46.1906



Tritanopia

58.4561, 73.4374, 105.7016

Trichromacy



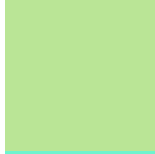
Original Color

41.3255, 73.9905, 30.1927



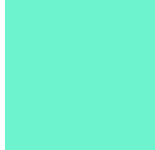
Protanomaly

50.7666, 69.0764, 26.5770



Deuteranomaly

53.7740, 68.6797, 39.2765



Tritanomaly

49.7979, 72.4088, 69.7442

Monochromacy



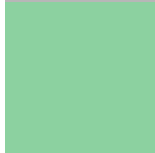
Original Color

41.3255, 73.9905, 30.1927



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

39.9608, 53.7144, 41.5195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3255, 73.9905, 30.1927 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(64, 255, 121)` looks like.

```
.text, #text, p{  
    color:rgb(64, 255, 121)  
}
```

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(64, 255, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 255, 121) }
```

Border

The CSS property to change the border of an element to XYZ 41.3255, 73.9905, 30.1927 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(64, 255, 121) }
```


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

```
.border{ border-color:rgb(64, 255, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 255, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 255, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 255, 121);  
box-shadow:4px 4px 4px 4px rgb(64, 255,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3255, 73.9905, 30.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 255, 121) }
```

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

```
.background{ background-color: rgb(64, 255,  
121) }
```

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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