

Converting Colors

Yxy(41.4615, 0.3563, 0.5552)

Have a look what the booklet for
Yxy(41.4615, 0.3563, 0.5552)
contains.

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Color

Yxy(41.3266, 0.3563, 0.5553)

Conversions

Conversions Part 1

Format	Color
Hex	79BF00
RGB	121, 191, 0
RGB Percent	47%, 75%, 0%
CMY	0.5255, 0.2510, 1.0000
CMYK	0.37, 0.00, 1.00, 0.25
HSL	82°, 100%, 37%
HSV	82°, 100%, 75%
XYZ	26.5166, 41.3266, 6.5789
YIQ	148.2960, 19.5910, -74.2410

Conversions

Conversions Part 2

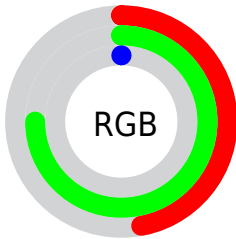
Format	Color
RYB	0, 191, 70
Decimal	7978752
CIELab	70.40, -45.72, 70.49
CIELCh	70, 84.021, 122.967
Yxy	41.3266, 0.3563, 0.5553
Android (android.graphics.Color)	4286168832 (0xFF79BF00)
YUV	148.2960, -73.1099, -23.9386
Hunter-Lab	64.2858, -38.8724, 38.9324

Details

The Yxy color **41.3266, 0.3563, 0.5553** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **5.0642, 0.1790, 0.0760**, and the grayscale version is **30.0520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2977, 0.3560, 0.5133**, and **18.9155, 0.3321, 0.5745** is the 20% darker color. If you saturate the color by 10%, you get **41.3282, 0.3563, 0.5553**, and if you desaturate by 10%, it is **41.9001, 0.3600, 0.5455**.

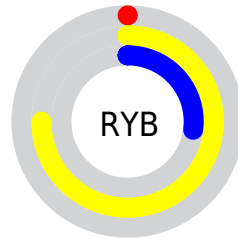
Distribution



Red (47%)

Green (75%)

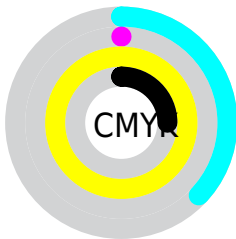
Blue (0%)



Red (0%)

Yellow (75%)

Blue (27%)

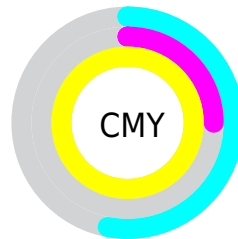


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (53%)


Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3266, 0.3563, 0.5553 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 Yxy color 41.3266, 0.3563, 0.5553 by changing the saturation by 10% instead.


 41.3266, 0.3563,
0.5553


 41.3266, 0.3563,
0.5553


351.6838, 0.3457,
0.4381

 28.5744, 0.3537,
0.5826

 77.1794, 0.3561,
0.5134

 18.7591, 0.3469,
0.6151


 101.0488, 0.3549,
0.4973

 11.4963, 0.3372,
0.6628


 129.3927, 0.3534,
0.4836

 6.4017, 0.3038,
0.6962

 162.5956, 0.3518,
0.4718

 3.0909, 0.2527,
0.7473

 201.0417, 0.3502,
0.4617

 1.1793, 0.0000,
1.0000

 245.1155, 0.3486,

 0.0447, 0.0000,

0.4528

1.0000

295.2014, 0.3471,
0.4450

■ 0.0000, 0.0000,
0.0000

■ 41.3266, 0.3563,
0.5553

■ 41.3266, 0.3563,
0.5553

■ 41.3282, 0.3563,
0.5553

■ 41.9001, 0.3600,
0.5455

■ 42.5557, 0.3619,
0.5315

■ 43.3128, 0.3613,
0.5125

■ 44.1807, 0.3584,
0.4895

■ 45.1671, 0.3533,
0.4635

■ 46.2791, 0.3467,
0.4358

■ 47.5229, 0.3388,
0.4077

■ 48.9045, 0.3303,
0.3801

■ 50.4293, 0.3215,
0.3537

Harmonies

Analogous

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



41.3266, 0.4569, 0.4979



41.3266, 0.3563, 0.5553



41.3266, 0.2509, 0.5174

Triad

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



41.3266, 0.3563, 0.5553



41.3266, 0.1277, 0.1859



41.3266, 0.4669, 0.2670

Complementary

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



41.3266, 0.3563, 0.5553



5.0642, 0.1790, 0.0760

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.



41.3266, 0.3426, 0.2081



41.3266, 0.3563, 0.5553



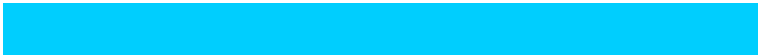
41.3266, 0.1602, 0.1628

Square

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



41.3266, 0.3563, 0.5553



41.3266, 0.1286, 0.2540



41.3266, 0.2309, 0.1716



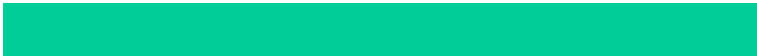
41.3266, 0.5399, 0.3377

Rectangle

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



41.3266, 0.3563, 0.5553



41.3266, 0.1913, 0.4305



41.3266, 0.2309, 0.1716



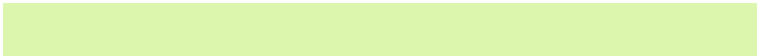
41.3266, 0.4278, 0.2455

Sweetspot

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



41.3284, 0.3563, 0.5553



84.9984, 0.3392, 0.4091



15.0741, 0.5838, 0.3747



18.4506, 0.3427, 0.4211



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.3284, 0.3563, 0.5553



73.8737, 0.3554, 0.5560



37.5193, 0.3042, 0.5967



10.9410, 0.3209, 0.3521



27.2062, 0.3571, 0.5546



1.1016, 0.3723, 0.5426

Inverse Universe

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



5.0642, 0.1790, 0.0760



8.9435, 0.1776, 0.0752



11.4804, 0.2832, 0.1334



9.3910, 0.3040, 0.3057



3.3699, 0.1804, 0.0767



0.1695, 0.2088, 0.0924

Previews

White Background



This preview shows how the Yxy color 41.3266, 0.3563, 0.5553 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 Yxy color 41.3266, 0.3563, 0.5553 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](#).

Yxy 41.3266, 0.3563, 0.5553

Background



This preview shows how black text looks on a background with the Yxy color 41.3266, 0.3563, 0.5553.



This preview shows how white text looks on a background with the Yxy color 41.3266, 0.3563, 0.5553.

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

41.3266, 0.3563, 0.5553

Protanopia

40.8425, 0.4399, 0.4889

Deuteranopia

40.9269, 0.4632, 0.4541



Tritanopia

41.3093, 0.2725, 0.3091

Trichromacy



Original Color

41.3266, 0.3563, 0.5553

Protanomaly

40.4557, 0.4077, 0.5145

Deuteranomaly

39.7768, 0.4234, 0.4930

Tritanomaly

40.3404, 0.3180, 0.4236

Monochromacy



Original Color

41.3266, 0.3563, 0.5553

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

32.7623, 0.3479, 0.4422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3266, 0.3563, 0.5553 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(121, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(121, 191, 0)  
}
```

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(121, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 191, 0) }
```

Border

The CSS property to change the border of an element to Yxy 41.3266, 0.3563, 0.5553 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(121, 191, 0) }
```

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

```
.border{ border-color:rgb(121, 191, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(121, 191,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3266, 0.3563, 0.5553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 191, 0) }
```

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

```
.background{ background-color: rgb(121,  
191, 0) }
```

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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