

Converting Colors

$Y_{xy}(11.3571, 0.3885, 0.5981)$

Have a look what the booklet for
Yxy(11.3571, 0.3885, 0.5981)
contains.

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Color

Yxy(11.4427, 0.3661, 0.5475)

Conversions

Conversions Part 1

Format	Color
Hex	476900
RGB	71, 105, 0
RGB Percent	28%, 41%, 0%
CMY	0.7215, 0.5882, 0.9999
CMYK	0.32, 0.00, 1.00, 0.59
HSL	79°, 100%, 21%
HSV	79°, 100%, 41%
XYZ	7.6515, 11.4427, 1.8058
YIQ	82.8640, 13.4410, -39.8630

Conversions

Conversions Part 2

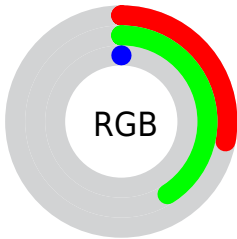
Format	Color
RYB	0, 105, 34
Decimal	4679936
CIELab	40.32, -26.85, 46.09
CIELCh	40, 53.344, 120.221
Yxy	11.4427, 0.3661, 0.5475
Android (android.graphics.Color)	4282870016 (0xFF476900)
YUV	82.8640, -40.8520, -10.4047
Hunter-Lab	33.8271, -18.8218, 20.5139

Details

The Yxy color **11.4427, 0.3661, 0.5475** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.3602, 0.1780, 0.0755**, and the grayscale version is **8.7053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3037, 0.3616, 0.4909**, and **3.0647, 0.3269, 0.5786** is the 20% darker color. If you saturate the color by 10%, you get **11.4429, 0.3661, 0.5475**, and if you desaturate by 10%, it is **11.5984, 0.3673, 0.5349**.

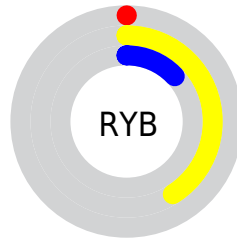
Distribution



Red (28%)

Green (41%)

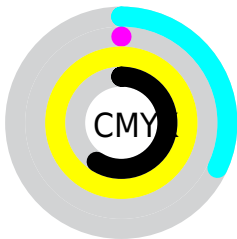
Blue (0%)



Red (0%)

Yellow (41%)

Blue (13%)

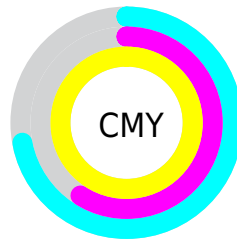


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (72%)


Magenta (59%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4427, 0.3661, 0.5475 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 11.4427, 0.3661, 0.5475 by changing the saturation by 10% instead.


 11.4427, 0.3661,
0.5475

 11.4427, 0.3661,
0.5475


 200.6801, 0.3435,
0.4118


 6.3654, 0.3659,
0.5938


 28.4759, 0.3618,
0.4914


 3.0685, 0.3509,
0.6491

 41.2007, 0.3586,
0.4723


 1.1676, 0.2692,
0.7308

 57.2434, 0.3554,
0.4570

 0.0350, 0.0000,
1.0000


 76.9885, 0.3525,
0.4445

 0.0000, 0.0000,
0.0000


 100.8203, 0.3499,
0.4342


 129.1232, 0.3475,

0.4255


 162.2817, 0.3454,
0.4181


 11.4427, 0.3661,
0.5475


 11.4427, 0.3661,
0.5475


 11.4429, 0.3661,
0.5475

 11.5984, 0.3673,
0.5349

 11.7690, 0.3674,
0.5201

 11.9633, 0.3653,
0.5013

 12.1833, 0.3611,
0.4792

 12.4307, 0.3551,
0.4547

■ 12.7069, 0.3478,
0.4289

■ 13.0133, 0.3395,
0.4028

■ 13.3513, 0.3307,
0.3770

■ 13.7219, 0.3217,
0.3523

Harmonies

Analogous

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



11.4427, 0.4630, 0.4884



11.4427, 0.3661, 0.5475



11.4427, 0.2620, 0.5202

Triad

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



11.4427, 0.3661, 0.5475



11.4427, 0.1297, 0.1931



11.4427, 0.4531, 0.2627

Complementary

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



11.4427, 0.3661, 0.5475



1.3602, 0.1780, 0.0755

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.



11.4427, 0.3309, 0.2062



11.4427, 0.3661, 0.5475



11.4427, 0.1587, 0.1666

Square

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



11.4427, 0.3661, 0.5475



11.4427, 0.1340, 0.2652



11.4427, 0.2247, 0.1726



11.4427, 0.5313, 0.3318

Rectangle

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



11.4427, 0.3661, 0.5475



11.4427, 0.2015, 0.4408



11.4427, 0.2247, 0.1726



11.4427, 0.4139, 0.2419

Sweetspot

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



11.4432, 0.3661, 0.5475



23.2525, 0.3403, 0.4050



4.1055, 0.5829, 0.3753



5.4068, 0.3429, 0.4130



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



11.4432, 0.3661, 0.5475



20.4253, 0.3646, 0.5487



10.2438, 0.3084, 0.5933



3.5369, 0.3208, 0.3499



14.4694, 0.3655, 0.5480



73.2452, 0.3624, 0.5504

Inverse Universe

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



1.3602, 0.1780, 0.0755



2.3743, 0.1754, 0.0740



2.9869, 0.2773, 0.1301



3.0683, 0.3042, 0.3078



1.7028, 0.1768, 0.0748



8.2522, 0.1717, 0.0719

Previews

White Background



This preview shows how the Yxy color 11.4427, 0.3661, 0.5475 looks on a white background.

Color Contrast Check

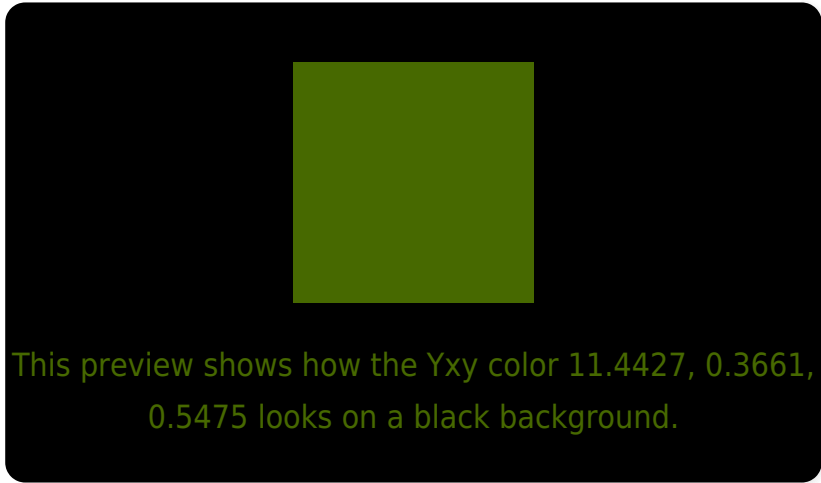
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4427, 0.3661, 0.5475

Background



This preview shows how black text looks on a background with the Yxy color 11.4427, 0.3661, 0.5475.



This preview shows how white text looks on a background with the Yxy color 11.4427, 0.3661, 0.5475.

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

11.4427, 0.3661, 0.5475

Protanopia

11.3102, 0.4394, 0.4893

Deuteranopia

11.3559, 0.4587, 0.4519



Tritanopia

11.5046, 0.2798, 0.3121

Trichromacy



Original Color

11.4427, 0.3661, 0.5475

Protanomaly

11.3034, 0.4111, 0.5118

Deuteranomaly

11.0383, 0.4251, 0.4866

Tritanomaly

11.2904, 0.3227, 0.4174

Monochromacy



Original Color

11.4427, 0.3661, 0.5475

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

9.4015, 0.3491, 0.4314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4427, 0.3661, 0.5475 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(71, 105, 0)` looks like.

```
.text, #text, p{  
    color:rgb(71, 105, 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(71, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 105, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.4427, 0.3661, 0.5475 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(71, 105, 0) }
```

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

```
.border{ border-color:rgb(71, 105, 0) }
```

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

Here you see how a box with a 4 pixel rgb(71, 105, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(71, 105, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4427, 0.3661, 0.5475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 105, 0) }
```

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

```
.background{ background-color: rgb(71, 105,  
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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