

Converting Colors

$Y_{xy}(11.5208, 0.3731, 0.5420)$

Have a look what the booklet for
Yxy(11.5208, 0.3731, 0.5420)
contains.

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Color

Yxy(11.5990, 0.3721, 0.5427)

Conversions

Conversions Part 1

Format	Color
Hex	4B6900
RGB	75, 105, 0
RGB Percent	29%, 41%, 0%
CMY	0.7059, 0.5882, 0.9998
CMYK	0.29, 0.00, 1.00, 0.59
HSL	77°, 100%, 21%
HSV	77°, 100%, 41%
XYZ	7.9528, 11.5990, 1.8210
YIQ	84.0600, 15.8250, -39.0150

Conversions

Conversions Part 2

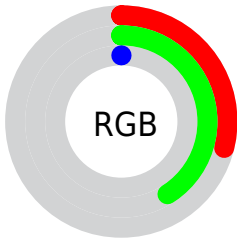
Format	Color
RYB	0, 105, 30
Decimal	4942080
CIELab	40.57, -25.15, 46.39
CIELCh	41, 52.771, 118.465
Yxy	11.5990, 0.3721, 0.5427
Android (android.graphics.Color)	4283132160 (0xFF4B6900)
YUV	84.0600, -41.4416, -7.9456
Hunter-Lab	34.0573, -17.9183, 20.6700

Details

The Yxy color **11.5990, 0.3721, 0.5427** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.2981, 0.1731, 0.0728**, and the grayscale version is **8.9646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6047, 0.3659, 0.4884**, and **3.2203, 0.3355, 0.5718** is the 20% darker color. If you saturate the color by 10%, you get **11.5988, 0.3721, 0.5428**, and if you desaturate by 10%, it is **11.7465, 0.3728, 0.5307**.

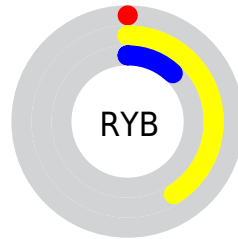
Distribution



Red (29%)

Green (41%)

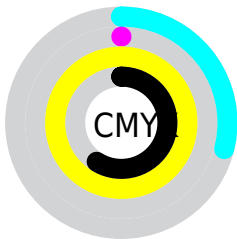
Blue (0%)



Red (0%)

Yellow (41%)

Blue (12%)

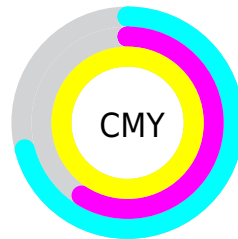


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (71%)


Magenta (59%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5990, 0.3721, 0.5427 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 11.5990, 0.3721, 0.5427 by changing the saturation by 10% instead.


 11.5990, 0.3721,
0.5427


 11.5990, 0.3721,
0.5427


 201.7322, 0.3457,
0.4109


 6.4713, 0.3732,
0.5867


 28.7626, 0.3662,
0.4887


 3.1337, 0.3607,
0.6393

 41.5673, 0.3624,
0.4701

 1.2019, 0.2931,
0.7069

 57.6997, 0.3588,
0.4551

 0.0633, 0.0000,
1.0000


 77.5443, 0.3556,
0.4430


 0.0000, 0.0000,
0.0000


 101.4855, 0.3527,
0.4329


 129.9076, 0.3501,

0.4243


 163.1950, 0.3478,
0.4171


 11.5990, 0.3721,
0.5427


 11.5990, 0.3721,
0.5427


 11.5988, 0.3721,
0.5428

 11.7465, 0.3728,
0.5307

 11.9074, 0.3723,
0.5167

 12.0906, 0.3696,
0.4986

 12.2978, 0.3648,
0.4772

 12.5308, 0.3582,
0.4533

■ 12.7910, 0.3502,
0.4280

■ 13.0797, 0.3413,
0.4022

■ 13.3983, 0.3318,
0.3768

■ 13.7478, 0.3222,
0.3522

Harmonies

Analogous

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



11.5990, 0.4666, 0.4825



11.5990, 0.3721, 0.5427



11.5990, 0.2689, 0.5217

Triad

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



11.5990, 0.3721, 0.5427



11.5990, 0.1310, 0.1977



11.5990, 0.4446, 0.2599

Complementary

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



11.5990, 0.3721, 0.5427



1.2981, 0.1731, 0.0728

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.



11.5990, 0.3237, 0.2050



11.5990, 0.3721, 0.5427



11.5990, 0.1578, 0.1690

Square

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



11.5990, 0.3721, 0.5427



11.5990, 0.1374, 0.2724



11.5990, 0.2210, 0.1732



11.5990, 0.5259, 0.3281

Rectangle

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



11.5990, 0.3721, 0.5427



11.5990, 0.2078, 0.4470



11.5990, 0.2210, 0.1732



11.5990, 0.4054, 0.2396

Sweetspot

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



11.5995, 0.3721, 0.5427



23.3697, 0.3421, 0.4046



3.9214, 0.5911, 0.3688



5.4366, 0.3449, 0.4124



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.



11.5995, 0.3721, 0.5427



20.7055, 0.3708, 0.5438



10.2838, 0.3106, 0.5915



3.5422, 0.3213, 0.3499



14.6661, 0.3715, 0.5432



74.2737, 0.3688, 0.5454

Inverse Universe

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



1.2981, 0.1731, 0.0728



2.2651, 0.1705, 0.0713



2.8268, 0.2694, 0.1258



3.0632, 0.3037, 0.3078



1.6238, 0.1719, 0.0721



7.8828, 0.1670, 0.0694

Previews

White Background



This preview shows how the Yxy color 11.5990, 0.3721, 0.5427 looks on a white background.

Color Contrast Check

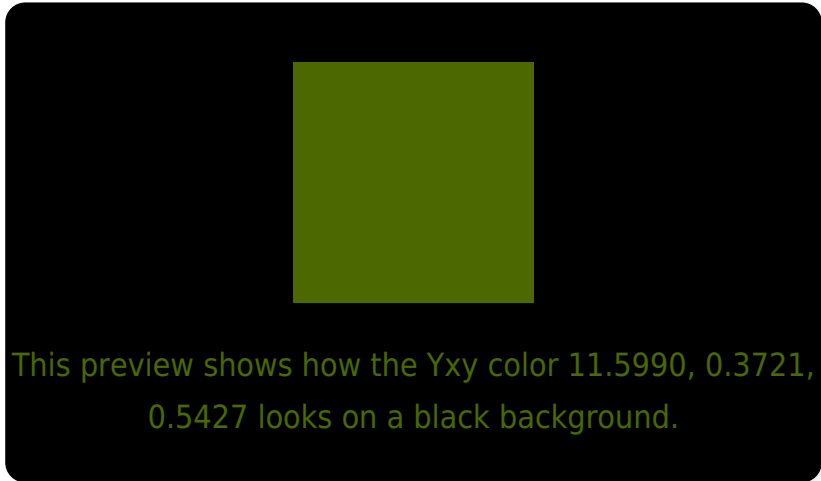
Large Text (above 18pt) WCAG AA ✓ Pass

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

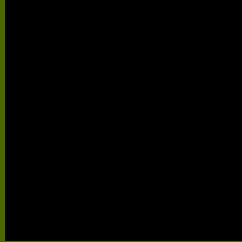
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5990, 0.3721, 0.5427

Background



This preview shows how black text looks on a background with the Yxy color 11.5990, 0.3721, 0.5427.



This preview shows how white text looks on a background with the Yxy color 11.5990, 0.3721, 0.5427.

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

11.5990, 0.3721, 0.5427

Protanopia

11.5539, 0.4392, 0.4895

Deuteranopia

11.5257, 0.4570, 0.4535



Tritanopia

11.6866, 0.2851, 0.3124

Trichromacy



Original Color

11.5990, 0.3721, 0.5427

Protanomaly

11.4105, 0.4144, 0.5092

Deuteranomaly

11.3379, 0.4268, 0.4856

Tritanomaly

11.4619, 0.3287, 0.4158

Monochromacy



Original Color

11.5990, 0.3721, 0.5427

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.6607, 0.3519, 0.4324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5990, 0.3721, 0.5427 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(75, 105, 0)` looks like.

```
.text, #text, p{  
  color:rgb(75, 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(75, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 105, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.5990, 0.3721, 0.5427 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(75, 105, 0) }
```

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

```
.border{ border-color:rgb(75, 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(75, 105, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 105, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.5990, 0.3721, 0.5427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 105, 0) }
```

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

```
.background{ background-color: rgb(75, 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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