

Converting Colors

$Y_{xy}(11.1710, 0.3426, 0.5599)$

Have a look what the booklet for
Yxy(11.1710, 0.3426, 0.5599)
contains.

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Color

Yxy(11.1598, 0.3421, 0.5605)

Conversions

Conversions Part 1

Format	Color
Hex	386A05
RGB	56, 106, 5
RGB Percent	22%, 42%, 2%
CMY	0.7805, 0.5843, 0.9803
CMYK	0.47, 0.00, 0.95, 0.58
HSL	90°, 91%, 22%
HSV	90°, 95%, 42%
XYZ	6.8114, 11.1598, 1.9393
YIQ	79.5360, 2.6210, -42.0110

Conversions

Conversions Part 2

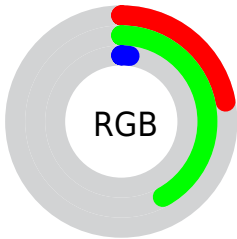
Format	Color
RYB	5, 106, 55
Decimal	3697157
CIELab	39.85, -33.04, 44.06
CIELCh	40, 55.073, 126.868
Yxy	11.1598, 0.3421, 0.5605
Android (android.graphics.Color)	4281887237 (0xFF386A05)
YUV	79.5360, -36.7462, -20.6411
Hunter-Lab	33.4063, -22.0658, 19.9425

Details

The Yxy color **11.1598, 0.3421, 0.5605** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.9638, 0.2118, 0.0982**, and the grayscale version is **7.9992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0527, 0.3440, 0.4973**, and **3.0261, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.0793, 0.3407, 0.5677**, and if you desaturate by 10%, it is **11.3449, 0.3451, 0.5450**.

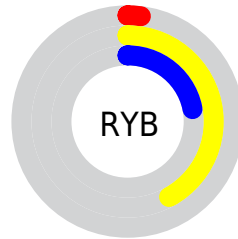
Distribution



Red (22%)

Green (42%)

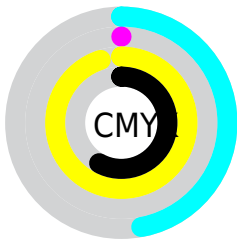
Blue (2%)



Red (2%)

Yellow (42%)

Blue (22%)

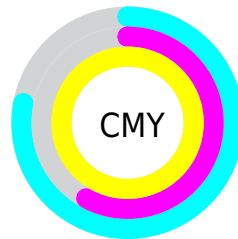


Cyan (47%)

Magenta (0%)

Yellow (95%)

Black (58%)



Cyan (78%)


Magenta (58%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 11.1598, 0.3421, 0.5605 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 11.1598, 0.3421, 0.5605 by changing the saturation by 10% instead.


 11.1598, 0.3421,
0.5605


 11.1598, 0.3421,
0.5605


 198.7606, 0.3341,
0.4133


 6.1744, 0.3362,
0.6124

 27.9553, 0.3439,
0.4980

 2.9514, 0.3159,
0.6841


 40.5342, 0.3427,
0.4773

 1.1064, 0.1719,
0.8281

 56.4130, 0.3411,
0.4609


 0.0000, 0.0000,
0.0000


 75.9763, 0.3396,
0.4477


 99.6082, 0.3381,
0.4368

 127.6934, 0.3366,

0.4277


 160.6160, 0.3353,
0.4200


 11.1598, 0.3421,
0.5605


 11.1598, 0.3421,
0.5605


 11.0793, 0.3407,
0.5677

 11.3449, 0.3451,
0.5450

 11.5598, 0.3464,
0.5254

 11.8092, 0.3458,
0.5018

 12.0951, 0.3434,
0.4754

 12.4195, 0.3395,
0.4476

■ 12.7842, 0.3345,
0.4194

■ 13.1908, 0.3287,
0.3919

■ 13.6408, 0.3225,
0.3657

■ 14.1358, 0.3161,
0.3411

Harmonies

Analogous

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



11.1598, 0.4457, 0.5096



11.1598, 0.3421, 0.5605



11.1598, 0.2369, 0.5062

Triad

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



11.1598, 0.3421, 0.5605



11.1598, 0.1283, 0.1790



11.1598, 0.4830, 0.2750

Complementary

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



11.1598, 0.3421, 0.5605



1.9638, 0.2118, 0.0982

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.



11.1598, 0.3597, 0.2134



11.1598, 0.3421, 0.5605



11.1598, 0.1655, 0.1606

Square

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



11.1598, 0.3421, 0.5605



11.1598, 0.1247, 0.2406



11.1598, 0.2423, 0.1733



11.1598, 0.5460, 0.3469

Rectangle

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



11.1598, 0.3421, 0.5605



11.1598, 0.1799, 0.4121



11.1598, 0.2423, 0.1733



11.1598, 0.4454, 0.2528

Sweetspot

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



11.1603, 0.3421, 0.5605



22.8140, 0.3314, 0.4043



5.6984, 0.5262, 0.4117



5.2926, 0.3332, 0.4129



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.



11.1603, 0.3421, 0.5605



19.3736, 0.3388, 0.5692



10.3636, 0.3010, 0.5923



3.5128, 0.3185, 0.3500



13.7280, 0.3399, 0.5683



69.4324, 0.3360, 0.5714

Inverse Universe

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



1.9638, 0.2118, 0.0982



3.0634, 0.2038, 0.0896



4.1123, 0.3171, 0.1552



3.0919, 0.3066, 0.3080



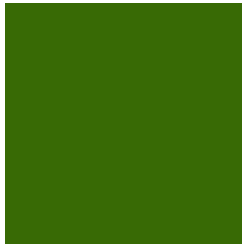
2.1945, 0.2053, 0.0905



10.6664, 0.1997, 0.0874

Previews

White Background



This preview shows how the Yxy color 11.1598, 0.3421, 0.5605 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



This preview shows how the Yxy color 11.1598, 0.3421, 0.5605 looks on a 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 11.1598, 0.3421, 0.5605

Background



This preview shows how black text looks on a background with the Yxy color 11.1598, 0.3421, 0.5605.



This preview shows how white text looks on a background with the Yxy color 11.1598, 0.3421, 0.5605.

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

11.1598, 0.3421, 0.5605

Protanopia

11.0696, 0.4396, 0.4892

Deuteranopia

11.0542, 0.4558, 0.4504



Tritanopia

11.2295, 0.2640, 0.3115

Trichromacy



Original Color

11.1598, 0.3421, 0.5605

Protanomaly

10.8145, 0.4017, 0.5170

Deuteranomaly

10.6547, 0.4116, 0.4924

Tritanomaly

11.0224, 0.3019, 0.4191

Monochromacy



Original Color

11.1598, 0.3421, 0.5605

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

8.7414, 0.3364, 0.4316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1598, 0.3421, 0.5605 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(56, 106, 5)` looks like.

```
.text, #text, p{  
    color:rgb(56, 106, 5)  
}
```

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(56, 106, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 106, 5) }
```

Border

The CSS property to change the border of an element to Yxy 11.1598, 0.3421, 0.5605 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(56, 106, 5) }
```

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

```
.border{ border-color:rgb(56, 106, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 106, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 106, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 106, 5);  
box-shadow:4px 4px 4px 4px rgb(56, 106, 5)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.1598, 0.3421, 0.5605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 106, 5) }
```

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

```
.background{ background-color: rgb(56, 106,  
5) }
```

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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