

Converting Colors

$Y_{xy}(11.2637, 0.3621, 0.5359)$

Have a look what the booklet for
Yxy(11.2637, 0.3621, 0.5359)
contains.

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Color

Yxy(11.2693, 0.3622, 0.5355)

Conversions

Conversions Part 1

Format	Color
Hex	47680D
RGB	71, 104, 13
RGB Percent	28%, 41%, 5%
CMY	0.7215, 0.5922, 0.9492
CMYK	0.32, 0.00, 0.88, 0.59
HSL	82°, 78%, 23%
HSV	82°, 88%, 41%
XYZ	7.6223, 11.2693, 2.1528
YIQ	83.7590, 9.5430, -35.2970

Conversions

Conversions Part 2

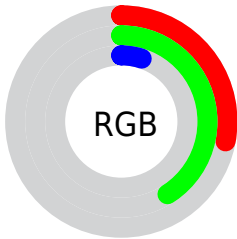
Format	Color
R _Y B	13, 104, 46
Decimal	4679693
CIE Lab	40.03, -25.89, 42.52
CIE LCh	40, 49.785, 121.337
Yxy	11.2693, 0.3622, 0.5355
Android (android.graphics.Color)	4282869773 (0xFF47680D)
YUV	83.7590, -34.8842, -11.1896
Hunter-Lab	33.5698, -18.2172, 19.6965

Details

The Yxy color **11.2693, 0.3622, 0.5355** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.8660, 0.1994, 0.0988**, and the grayscale version is **8.8854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0470, 0.3575, 0.4804**, and **3.0857, 0.3307, 0.5757** is the 20% darker color. If you saturate the color by 10%, you get **11.1083, 0.3605, 0.5489**, and if you desaturate by 10%, it is **11.4511, 0.3623, 0.5190**.

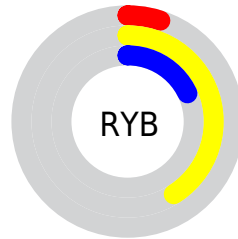
Distribution



Red (28%)

Green (41%)

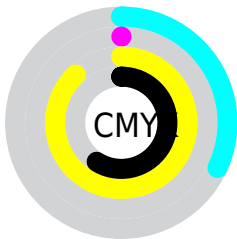
Blue (5%)



Red (5%)

Yellow (41%)

Blue (18%)

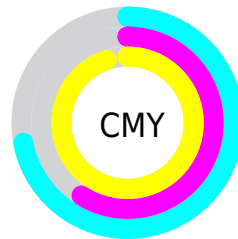


Cyan (32%)

Magenta (0%)

Yellow (88%)

Black (59%)



Cyan (72%)


Magenta (59%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2693, 0.3622, 0.5355 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 11.2693, 0.3622, 0.5355 by changing the saturation by 10% instead.


 11.2693, 0.3622,
0.5355


 11.2693, 0.3622,
0.5355


199.5059, 0.3402,
0.4060


 6.2483, 0.3615,
0.5786


 28.1571, 0.3573,
0.4812


 2.9966, 0.3548,
0.6452

 40.7926, 0.3541,
0.4629


 1.1300, 0.2726,
0.7274

 56.7351, 0.3511,
0.4484

 0.0034, 0.0000,
1.0000


 76.3690, 0.3484,
0.4367


 0.0000, 0.0000,
0.0000


 100.0786, 0.3460,
0.4270


 128.2484, 0.3439,


0.4189

 161.2627, 0.3419,
0.4119

 11.2693, 0.3622,
0.5355


 11.2693, 0.3622,
0.5355


 11.1083, 0.3605,
0.5489


 11.4511, 0.3623,
0.5190

 11.0700, 0.3601,
0.5523

 11.6579, 0.3602,
0.4986

 11.8919, 0.3562,
0.4751

 12.1549, 0.3505,
0.4496

 12.4483, 0.3435,
0.4231

■ 12.7735, 0.3357,
0.3967

■ 13.1317, 0.3274,
0.3709

■ 13.5241, 0.3190,
0.3464

■ 13.9519, 0.3107,
0.3235

Harmonies

Analogous

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



11.2693, 0.4546, 0.4852



11.2693, 0.3622, 0.5355



11.2693, 0.2629, 0.5033

Triad

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



11.2693, 0.3622, 0.5355



11.2693, 0.1383, 0.1988



11.2693, 0.4486, 0.2690

Complementary

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



11.2693, 0.3622, 0.5355



1.8660, 0.1994, 0.0988

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.



11.2693, 0.3346, 0.2138



11.2693, 0.3622, 0.5355



11.2693, 0.1676, 0.1739

Square

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



11.2693, 0.3622, 0.5355



11.2693, 0.1417, 0.2666



11.2693, 0.2328, 0.1804



11.2693, 0.5200, 0.3363

Rectangle

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



11.2693, 0.3622, 0.5355



11.2693, 0.2055, 0.4284



11.2693, 0.2328, 0.1804



11.2693, 0.4124, 0.2487

Sweetspot

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



11.2698, 0.3622, 0.5355



22.4584, 0.3351, 0.3946



4.8356, 0.5367, 0.3866



5.4430, 0.3371, 0.4011



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.



11.2698, 0.3622, 0.5355



19.3571, 0.3586, 0.5535



10.1574, 0.3092, 0.5747



3.2209, 0.3202, 0.3497



13.6279, 0.3595, 0.5528



70.5709, 0.3561, 0.5554

Inverse Universe

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



1.8660, 0.1994, 0.0988



2.4056, 0.1811, 0.0771



3.4774, 0.2899, 0.1463



2.8075, 0.3048, 0.3081



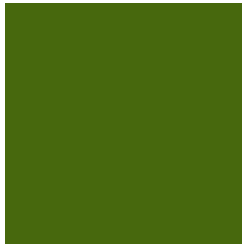
1.7153, 0.1826, 0.0780



8.4891, 0.1771, 0.0749

Previews

White Background



This preview shows how the Yxy color 11.2693, 0.3622, 0.5355 looks on a white background.

Color Contrast Check

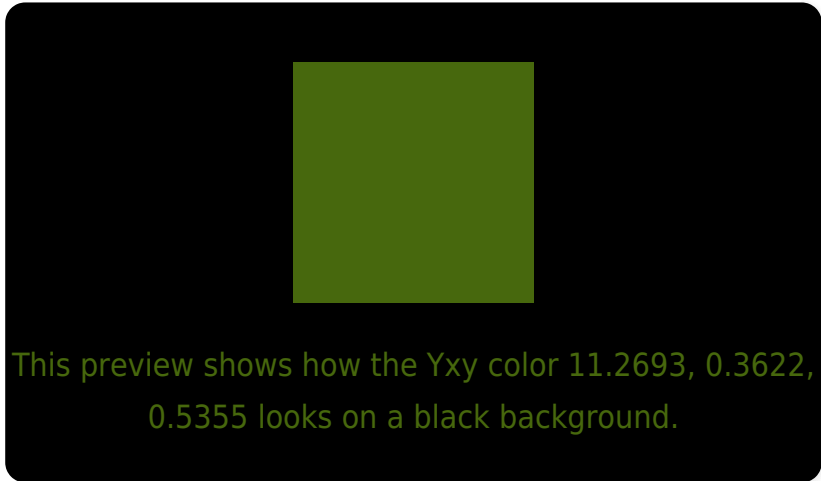
Large Text (above 18pt) WCAG AA ✓ Pass

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

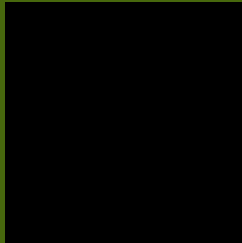
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2693, 0.3622, 0.5355

Background



This preview shows how black text looks on a background with the Yxy color 11.2693, 0.3622, 0.5355.



This preview shows how white text looks on a background with the Yxy color 11.2693, 0.3622, 0.5355.

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

11.2693, 0.3622, 0.5355

Protanopia

11.0915, 0.4350, 0.4824

Deuteranopia

11.0582, 0.4550, 0.4493



Tritanopia

11.2982, 0.2808, 0.3120

Trichromacy



Original Color

11.2693, 0.3622, 0.5355

Protanomaly

11.0867, 0.4062, 0.5036

Deuteranomaly

10.8191, 0.4214, 0.4806

Tritanomaly

11.1471, 0.3177, 0.4046

Monochromacy



Original Color

11.2693, 0.3622, 0.5355

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.4499, 0.3420, 0.4182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2693, 0.3622, 0.5355 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, 104, 13)` looks like.

```
.text, #text, p{  
    color:rgb(71, 104, 13)  
}
```

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, 104, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 104, 13) }
```

Border

The CSS property to change the border of an element to Yxy 11.2693, 0.3622, 0.5355 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, 104, 13) }
```

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

```
.border{ border-color:rgb(71, 104, 13) }
```

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

Here you see how a box with a 4 pixel rgb(71, 104, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 104, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 104, 13);  
box-shadow:4px 4px 4px 4px rgb(71, 104,  
13) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2693, 0.3622, 0.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 104, 13) }
```

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

```
.background{ background-color: rgb(71, 104,  
13) }
```

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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