

Converting Colors

$Y_{xy}(11.4549, 0.3435, 0.5221)$

Have a look what the booklet for
Yxy(11.4549, 0.3435, 0.5221)
contains.

Yxy(11.5206, 0.3424, 0.5221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.5206, 0.3424, 0.5221)

Conversions

Conversions Part 1

Format	Color
Hex	416A1D
RGB	65, 106, 29
RGB Percent	25%, 42%, 11%
CMY	0.7452, 0.5843, 0.8861
CMYK	0.39, 0.00, 0.73, 0.58
HSL	92°, 57%, 26%
HSV	92°, 73%, 42%
XYZ	7.5554, 11.5206, 2.9899
YIQ	84.9630, 0.2810, -32.6390

Conversions

Conversions Part 2

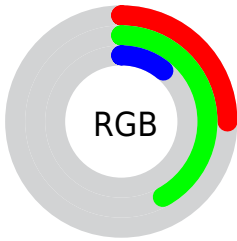
Format	Color
R_{YB}	29, 106, 70
Decimal	4287005
CIE _{Lab}	40.44, -28.31, 36.98
CIE _{LCh}	40, 46.569, 127.434
Yxy	11.5206, 0.3424, 0.5221
Android (android.graphics.Color)	4282477085 (0xFF416A1D)
YUV	84.9630, -27.5898, -17.5076
Hunter-Lab	33.9420, -19.6651, 18.5366

Details

The Yxy color **11.5206, 0.3424, 0.5221** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3.2252, 0.2448, 0.1417**, and the grayscale version is **9.1353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7168, 0.3401, 0.4694**, and **3.1277, 0.3196, 0.5845** is the 20% darker color. If you saturate the color by 10%, you get **11.2941, 0.3412, 0.5435**, and if you desaturate by 10%, it is **11.7854, 0.3417, 0.4970**.

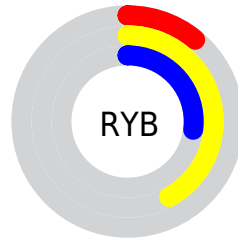
Distribution



Red (25%)

Green (42%)

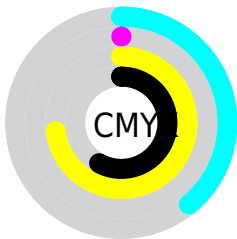
Blue (11%)



Red (11%)

Yellow (42%)

Blue (27%)

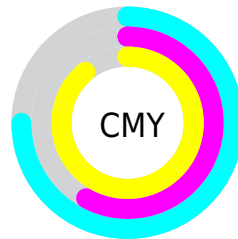


Cyan (39%)

Magenta (0%)

Yellow (73%)

Black (58%)



Cyan (75%)


Magenta (58%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5206, 0.3424, 0.5221 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 11.5206, 0.3424, 0.5221 by changing the saturation by 10% instead.


 11.5206, 0.3424,
0.5221


 11.5206, 0.3424,
0.5221


201.2052, 0.3306,
0.3991


 6.4181, 0.3396,
0.5645


 28.6189, 0.3406,
0.4692


 3.1010, 0.3437,
0.6563

 41.3836, 0.3389,
0.4519

 1.1847, 0.2561,
0.7439


 57.4711, 0.3372,
0.4384

 0.0491, 0.0000,
1.0000


 77.2658, 0.3356,
0.4274


 0.0000, 0.0000,
0.0000


 101.1522, 0.3342,
0.4185

 129.5146, 0.3328,

0.4110


 162.7375, 0.3317,
0.4046


 11.5206, 0.3424,
0.5221

 11.5206, 0.3424,
0.5221


 11.2941, 0.3412,
0.5435


 11.7854, 0.3417,
0.4970

 11.1017, 0.3382,
0.5602

 12.0894, 0.3394,
0.4696

 10.9747, 0.3357,
0.5716

 12.4349, 0.3358,
0.4410

 12.8238, 0.3311,
0.4126

 13.2579, 0.3258,
0.3850

■ 13.7387, 0.3201,
0.3591

■ 14.2678, 0.3142,
0.3350

■ 14.8466, 0.3085,
0.3129

■ 15.4765, 0.3028,
0.2929

Harmonies

Analogous

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



11.5206, 0.4322, 0.4903



11.5206, 0.3424, 0.5221



11.5206, 0.2498, 0.4711

Triad

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



11.5206, 0.3424, 0.5221



11.5206, 0.1506, 0.1992



11.5206, 0.4574, 0.2857

Complementary

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



11.5206, 0.3424, 0.5221



3.2252, 0.2448, 0.1417

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.



11.5206, 0.3557, 0.2297



11.5206, 0.3424, 0.5221



11.5206, 0.1855, 0.1814

Square

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



11.5206, 0.3424, 0.5221



11.5206, 0.1478, 0.2550



11.5206, 0.2551, 0.1929



11.5206, 0.5114, 0.3519

Rectangle

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



11.5206, 0.3424, 0.5221



11.5206, 0.1993, 0.3963



11.5206, 0.2551, 0.1929



11.5206, 0.4265, 0.2655

Sweetspot

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



11.5211, 0.3424, 0.5221



23.2663, 0.3258, 0.3850



7.3852, 0.4648, 0.4144



5.4157, 0.3268, 0.3900



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.



11.5211, 0.3424, 0.5221



19.5845, 0.3393, 0.5553



10.6660, 0.3016, 0.5452



3.5076, 0.3179, 0.3501



13.5989, 0.3350, 0.5722



68.7841, 0.3310, 0.5754

Inverse Universe

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



3.2252, 0.2448, 0.1417



4.0381, 0.2254, 0.1105



4.9590, 0.3225, 0.1793



3.0971, 0.3071, 0.3080



2.3322, 0.2127, 0.0945



11.3626, 0.2072, 0.0915

Previews

White Background



This preview shows how the Yxy color 11.5206, 0.3424, 0.5221 looks on a white background.

Color Contrast Check

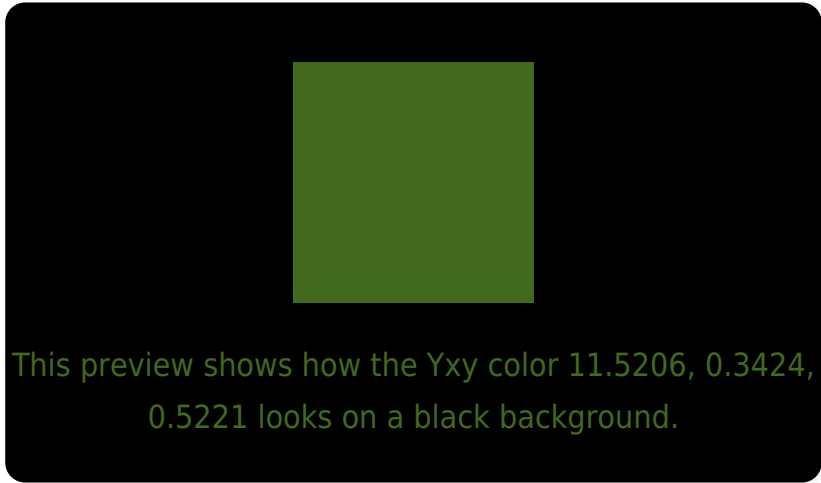
Large Text (above 18pt) WCAG AA ✓ Pass

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

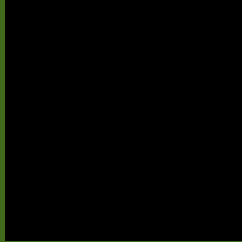
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5206, 0.3424, 0.5221

Background



This preview shows how black text looks on a background with the Yxy color 11.5206, 0.3424, 0.5221.



This preview shows how white text looks on a background with the Yxy color 11.5206, 0.3424, 0.5221.

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

11.5206, 0.3424, 0.5221

Protanopia

11.3848, 0.4246, 0.4674

Deuteranopia

11.3556, 0.4433, 0.4352



Tritanopia

11.5217, 0.2713, 0.3096

Trichromacy



Original Color

11.5206, 0.3424, 0.5221

Protanomaly

11.2781, 0.3930, 0.4885

Deuteranomaly

11.1282, 0.4033, 0.4673

Tritanomaly

11.4450, 0.3003, 0.3890

Monochromacy



Original Color

11.5206, 0.3424, 0.5221

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.8301, 0.3294, 0.4043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5206, 0.3424, 0.5221 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(65, 106, 29)` looks like.

```
.text, #text, p{  
    color:rgb(65, 106, 29)  
}
```

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(65, 106, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 106, 29) }
```

Border

The CSS property to change the border of an element to Yxy 11.5206, 0.3424, 0.5221 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(65, 106, 29) }
```

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

```
.border{ border-color:rgb(65, 106, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 106, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 106, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 106, 29);  
box-shadow:4px 4px 4px 4px rgb(65, 106,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5206, 0.3424, 0.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 106, 29) }
```

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

```
.background{ background-color: rgb(65, 106,  
29) }
```

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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