

Converting Colors

$Yxy(16.0144, 0.3637, 0.5091)$

Have a look what the booklet for
Yxy(16.0144, 0.3637, 0.5091)
contains.

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Color

Yxy(16.0144, 0.3637, 0.5091)

Conversions

Conversions Part 1

Format	Color
Hex	5B7922
RGB	91, 121, 34
RGB Percent	36%, 47%, 13%
CMY	0.6431, 0.5255, 0.8667
CMYK	0.25, 0.00, 0.72, 0.53
HSL	81°, 56%, 30%
HSV	81°, 72%, 47%
XYZ	11.4407, 16.0144, 4.0012
YIQ	102.1120, 10.0470, -33.4170

Conversions

Conversions Part 2

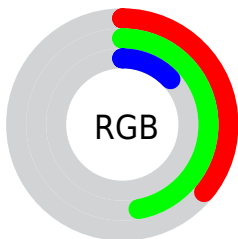
Format	Color
R_{YB}	34, 121, 64
Decimal	5994786
CIE Lab	46.99, -24.65, 42.12
CIE LCh	47, 48.800, 120.340
Yxy	16.0144, 0.3637, 0.5091
Android (android.graphics.Color)	4284184866 (0xFF5B7922)
YUV	102.1120, -33.5792, -9.7452
Hunter-Lab	40.0180, -19.0005, 22.0844

Details

The Yxy color **16.0144, 0.3637, 0.5091** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3.6146, 0.2175, 0.1281**, and the grayscale version is **13.4059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4565, 0.3575, 0.4647**, and **5.1061, 0.3531, 0.5579** is the 20% darker color. If you saturate the color by 10%, you get **15.7510, 0.3648, 0.5274**, and if you desaturate by 10%, it is **16.3157, 0.3604, 0.4871**.

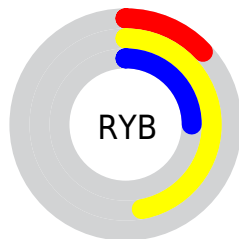
Distribution



Red (36%)

Green (47%)

Blue (13%)



Red (13%)

Yellow (47%)

Blue (25%)

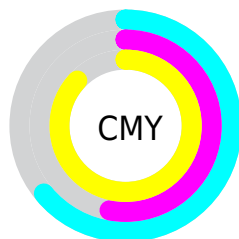


Cyan (25%)

Magenta (0%)

Yellow (72%)

Black (53%)



Cyan (64%)


Magenta (53%)


Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.0144, 0.3637, 0.5091 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 16.0144, 0.3637, 0.5091 by changing the saturation by 10% instead.


 16.0144, 0.3637,
0.5091


 16.0144, 0.3637,
0.5091

 229.4267, 0.3400,
0.4010


 9.5343, 0.3657,
0.5419


 36.6232, 0.3569,
0.4652


 5.0913, 0.3687,
0.5952

 51.5207, 0.3536,
0.4500


 2.3009, 0.3494,
0.6506

 69.9929, 0.3506,
0.4378

 0.7742, 0.1477,
0.8523

 92.4240, 0.3479,
0.4278

 0.0000, 0.0000,
0.0000

 119.1986, 0.3456,
0.4194

 150.7010, 0.3435,

0.4123

187.3155, 0.3416,
0.4062

16.0144, 0.3637,
0.5091

16.0144, 0.3637,
0.5091

15.7510, 0.3648,
0.5274

16.3157, 0.3604,
0.4871

15.5203, 0.3637,
0.5412

16.6551, 0.3551,
0.4624

15.3496, 0.3619,
0.5508

17.0357, 0.3484,
0.4362

17.4595, 0.3405,
0.4094

17.9284, 0.3320,
0.3829

■ 18.4440, 0.3232,
0.3574

■ 19.0081, 0.3144,
0.3334

■ 19.6222, 0.3058,
0.3110

■ 20.2878, 0.2975,
0.2905

Harmonies

Analogous

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



16.0144, 0.4450, 0.4696



16.0144, 0.3637, 0.5091



16.0144, 0.2741, 0.4800

Triad

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



16.0144, 0.3637, 0.5091



16.0144, 0.1547, 0.2153



16.0144, 0.4286, 0.2747

Complementary

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



16.0144, 0.3637, 0.5091



3.6146, 0.2175, 0.1281

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.



16.0144, 0.3295, 0.2243



16.0144, 0.3637, 0.5091



16.0144, 0.1810, 0.1898

Square

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



16.0144, 0.3637, 0.5091



16.0144, 0.1599, 0.2790



16.0144, 0.2398, 0.1944



16.0144, 0.4936, 0.3369

Rectangle

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



16.0144, 0.3637, 0.5091



16.0144, 0.2215, 0.4184



16.0144, 0.2398, 0.1944



16.0144, 0.3971, 0.2561

Sweetspot

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



16.0151, 0.3637, 0.5091



32.0467, 0.3326, 0.3846



7.7357, 0.4934, 0.3835



7.2860, 0.3344, 0.3901



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



16.0151, 0.3637, 0.5091



27.9399, 0.3644, 0.5366



14.4315, 0.3139, 0.5413



4.5680, 0.3207, 0.3505



16.4424, 0.3617, 0.5510



77.9462, 0.3588, 0.5533

Inverse Universe

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



3.6146, 0.2175, 0.1281



4.3169, 0.1940, 0.0938



5.6196, 0.2924, 0.1639



3.9545, 0.3043, 0.3073



1.9948, 0.1792, 0.0761



9.0854, 0.1744, 0.0734

Previews

White Background



This preview shows how the Yxy color 16.0144, 0.3637, 0.5091 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 16.0144, 0.3637, 0.5091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

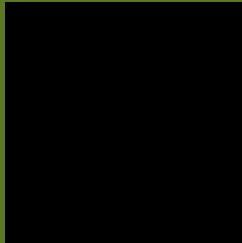
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.0144, 0.3637, 0.5091

Background



This preview shows how black text looks on a background with the Yxy color 16.0144, 0.3637, 0.5091.



This preview shows how white text looks on a background with the Yxy color 16.0144, 0.3637, 0.5091.

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

16.0144, 0.3637, 0.5091

Protanopia

15.8331, 0.4249, 0.4671

Deuteranopia

15.9502, 0.4450, 0.4386



Tritanopia

15.9821, 0.2872, 0.3104

Trichromacy



Original Color

16.0144, 0.3637, 0.5091

Protanomaly

15.8820, 0.4016, 0.4827

Deuteranomaly

15.6464, 0.4157, 0.4626

Tritanomaly

15.7704, 0.3190, 0.3863

Monochromacy



Original Color

16.0144, 0.3637, 0.5091

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

14.0698, 0.3382, 0.4017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0144, 0.3637, 0.5091 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(91, 121, 34)` looks like.

```
.text, #text, p{  
    color:rgb(91, 121, 34)  
}
```

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(91, 121, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 121, 34) }
```

Border

The CSS property to change the border of an element to Yxy 16.0144, 0.3637, 0.5091 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(91, 121, 34) }
```

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

```
.border{ border-color:rgb(91, 121, 34) }
```

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

Here you see how a box with a 4 pixel rgb(91, 121, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 121, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 121, 34);  
box-shadow:4px 4px 4px 4px rgb(91, 121,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0144, 0.3637, 0.5091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 121, 34) }
```

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

```
.background{ background-color: rgb(91, 121,  
34) }
```

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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