

Converting Colors

$Y_{xy}(15.2884, 0.3577, 0.5253)$

Have a look what the booklet for
Yxy(15.2884, 0.3577, 0.5253)
contains.

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Color

Yxy(15.3014, 0.3572, 0.5264)

Conversions

Conversions Part 1

Format	Color
Hex	52781A
RGB	82, 120, 26
RGB Percent	32%, 47%, 10%
CMY	0.6784, 0.5294, 0.8980
CMYK	0.32, 0.00, 0.78, 0.53
HSL	84°, 64%, 29%
HSV	84°, 78%, 47%
XYZ	10.3831, 15.3014, 3.3835
YIQ	97.9220, 7.5260, -37.2900

Conversions

Conversions Part 2

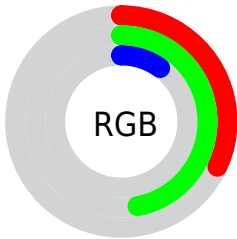
Format	Color
RYB	26, 120, 64
Decimal	5404698
CIELab	46.04, -28.41, 44.09
CIELCh	46, 52.456, 122.796
Yxy	15.3014, 0.3572, 0.5264
Android (android.graphics.Color)	4283594778 (0xFF52781A)
YUV	97.9220, -35.4575, -13.9636
Hunter-Lab	39.1170, -21.0743, 22.2535

Details

The Yxy color **15.3014, 0.3572, 0.5264** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3.1850, 0.2165, 0.1174**, and the grayscale version is **12.2829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5739, 0.3534, 0.4785**, and **4.8136, 0.3375, 0.5702** is the 20% darker color. If you saturate the color by 10%, you get **15.0493, 0.3560, 0.5429**, and if you desaturate by 10%, it is **15.5927, 0.3561, 0.5056**.

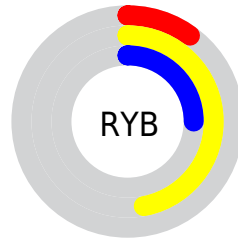
Distribution



Red (32%)

Green (47%)

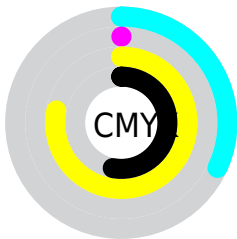
Blue (10%)



Red (10%)

Yellow (47%)

Blue (25%)

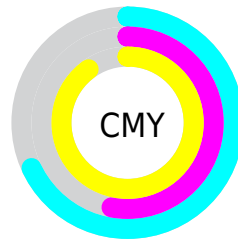


Cyan (32%)

Magenta (0%)

Yellow (78%)

Black (53%)



Cyan (68%)


Magenta (53%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3014, 0.3572, 0.5264 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 15.3014, 0.3572, 0.5264 by changing the saturation by 10% instead.


 15.3014, 0.3572,
0.5264


 15.3014, 0.3572,
0.5264


 225.1833, 0.3384,
0.4067


 9.0312, 0.3564,
0.5629


 35.3811, 0.3530,
0.4775


 4.7615, 0.3603,
0.6322

 49.9593, 0.3504,
0.4607

 2.1080, 0.3226,
0.6774

 68.0757, 0.3479,
0.4472

 0.6691, 0.0000,
1.0000


 90.1146, 0.3456,
0.4361


 0.0000, 0.0000,
0.0000


 116.4604, 0.3435,
0.4269


 147.4975, 0.3416,

0.4191


 183.6104, 0.3400,
0.4125

 15.3014, 0.3572,
0.5264


 15.3014, 0.3572,
0.5264


 15.0493, 0.3560,
0.5429


 15.5927, 0.3561,
0.5056


 14.8272, 0.3533,
0.5559

 15.9240, 0.3530,
0.4814

 14.7917, 0.3528,
0.5581

 16.2984, 0.3482,
0.4551

 16.7182, 0.3420,
0.4277

 17.1854, 0.3348,
0.4004

■ 17.7019, 0.3272,
0.3739

■ 18.2695, 0.3193,
0.3487

■ 18.8899, 0.3114,
0.3252

■ 19.5647, 0.3038,
0.3036

Harmonies

Analogous

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



15.3014, 0.4465, 0.4835



15.3014, 0.3572, 0.5264



15.3014, 0.2617, 0.4894

Triad

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



15.3014, 0.3572, 0.5264



15.3014, 0.1451, 0.2023



15.3014, 0.4468, 0.2749

Complementary

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



15.3014, 0.3572, 0.5264



3.1850, 0.2165, 0.1174

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.



15.3014, 0.3394, 0.2204



15.3014, 0.3572, 0.5264



15.3014, 0.1753, 0.1793

Square

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



15.3014, 0.3572, 0.5264



15.3014, 0.1472, 0.2659



15.3014, 0.2404, 0.1868



15.3014, 0.5121, 0.3409

Rectangle

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



15.3014, 0.3572, 0.5264



15.3014, 0.2072, 0.4173



15.3014, 0.2404, 0.1868



15.3014, 0.4131, 0.2549

Sweetspot

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



15.3021, 0.3572, 0.5264



30.6473, 0.3312, 0.3876



7.6900, 0.5027, 0.3968



7.1997, 0.3335, 0.3956



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.



15.3021, 0.3572, 0.5264



26.1578, 0.3536, 0.5527



13.8723, 0.3076, 0.5608



4.5569, 0.3199, 0.3505



16.1281, 0.3526, 0.5583



76.4266, 0.3493, 0.5608

Inverse Universe

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



3.1850, 0.2165, 0.1174



3.8323, 0.1933, 0.0874



5.4488, 0.3020, 0.1603



3.9653, 0.3051, 0.3073



2.1704, 0.1884, 0.0811



9.8841, 0.1833, 0.0783

Previews

White Background



This preview shows how the Yxy color 15.3014, 0.3572, 0.5264 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 15.3014, 0.3572, 0.5264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

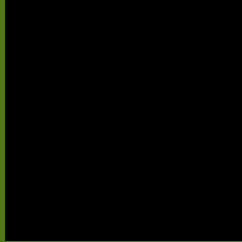
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 15.3014, 0.3572, 0.5264

Background



This preview shows how black text looks on a background with the Yxy color 15.3014, 0.3572, 0.5264.



This preview shows how white text looks on a background with the Yxy color 15.3014, 0.3572, 0.5264.

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

15.3014, 0.3572, 0.5264

Protanopia

15.1367, 0.4292, 0.4760

Deuteranopia

15.0502, 0.4504, 0.4432



Tritanopia

15.3485, 0.2799, 0.3099

Trichromacy



Original Color

15.3014, 0.3572, 0.5264

Protanomaly

15.0020, 0.4010, 0.4958

Deuteranomaly

14.7492, 0.4150, 0.4738

Tritanomaly

15.1070, 0.3147, 0.3953

Monochromacy



Original Color

15.3014, 0.3572, 0.5264

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

13.0513, 0.3369, 0.4095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3014, 0.3572, 0.5264 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(82, 120, 26)` looks like.

```
.text, #text, p{  
    color:rgb(82, 120, 26)  
}
```

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(82, 120, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 120, 26) }
```

Border

The CSS property to change the border of an element to Yxy 15.3014, 0.3572, 0.5264 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(82, 120, 26) }
```

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

```
.border{ border-color:rgb(82, 120, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 120, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 120, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 120, 26);  
box-shadow:4px 4px 4px 4px rgb(82, 120,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3014, 0.3572, 0.5264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 120, 26) }
```

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

```
.background{ background-color: rgb(82, 120,  
26) }
```

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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