

Converting Colors

$Y_{xy}(14.2820, 0.3365, 0.5710)$

Have a look what the booklet for
Yxy(14.2820, 0.3365, 0.5710)
contains.

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Color

Yxy(14.3325, 0.3369, 0.5707)

Conversions

Conversions Part 1

Format	Color
Hex	3A7800
RGB	58, 120, 0
RGB Percent	23%, 47%, 0%
CMY	0.7726, 0.5294, 1.0000
CMYK	0.52, 0.00, 1.00, 0.53
HSL	91°, 100%, 24%
HSV	91°, 100%, 47%
XYZ	8.4609, 14.3325, 2.3205
YIQ	87.7820, 1.5680, -50.4640

Conversions

Conversions Part 2

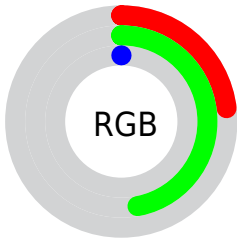
Format	Color
RYB	0, 120, 62
Decimal	3831808
CIELab	44.71, -38.41, 49.22
CIELCh	45, 62.431, 127.972
Yxy	14.3325, 0.3369, 0.5707
Android (android.graphics.Color)	4282021888 (0xFF3A7800)
YUV	87.7820, -43.2765, -26.1188
Hunter-Lab	37.8583, -26.3594, 22.8666

Details

The Yxy color **14.3325, 0.3369, 0.5707** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2.3813, 0.2092, 0.0926**, and the grayscale version is **9.8046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6797, 0.3406, 0.5099**, and **4.3803, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **14.3330, 0.3369, 0.5707**, and if you desaturate by 10%, it is **14.5569, 0.3407, 0.5566**.

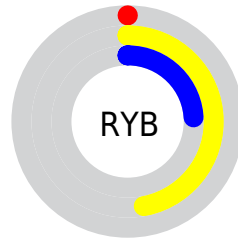
Distribution



Red (23%)

Green (47%)

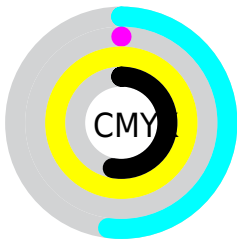
Blue (0%)



Red (0%)

Yellow (47%)

Blue (24%)

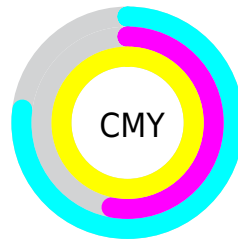


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (77%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3325, 0.3369, 0.5707 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 14.3325, 0.3369, 0.5707 by changing the saturation by 10% instead.

 14.3325, 0.3369,
0.5707


 14.3325, 0.3369,
0.5707


219.2896, 0.3338,
0.4217

 8.3523, 0.3283,
0.6168


 33.6778, 0.3408,
0.5094


 4.3212, 0.3117,
0.6883

 47.8118, 0.3404,
0.4884


 1.8548, 0.2474,
0.7526

 65.4324, 0.3395,
0.4716

 0.5210, 0.0000,
1.0000

 86.9241, 0.3383,
0.4579


 0.0000, 0.0000,
0.0000


 112.6713, 0.3371,
0.4465


 143.0583, 0.3360,


0.4369


 178.4696, 0.3349,
0.4287


 14.3325, 0.3369,
0.5707

 14.3325, 0.3369,
0.5707


 14.3330, 0.3369,
0.5707

 14.5569, 0.3407,
0.5566

 14.8166, 0.3434,
0.5392

 15.1223, 0.3441,
0.5171

 15.4771, 0.3429,
0.4915

 15.8840, 0.3401,
0.4636

■ 16.3456, 0.3359,
0.4348

■ 16.8642, 0.3307,
0.4062

■ 17.4420, 0.3249,
0.3787

■ 18.0813, 0.3189,
0.3529

Harmonies

Analogous

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



14.3325, 0.4443, 0.5171



14.3325, 0.3369, 0.5707



14.3325, 0.2293, 0.5106

Triad

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



14.3325, 0.3369, 0.5707



14.3325, 0.1238, 0.1726



14.3325, 0.4939, 0.2750

Complementary

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



14.3325, 0.3369, 0.5707



2.3813, 0.2092, 0.0926

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.



14.3325, 0.3662, 0.2116



14.3325, 0.3369, 0.5707



14.3325, 0.1630, 0.1555

Square

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



14.3325, 0.3369, 0.5707



14.3325, 0.1186, 0.2331



14.3325, 0.2432, 0.1697



14.3325, 0.5554, 0.3484

Rectangle

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



14.3325, 0.3369, 0.5707



14.3325, 0.1720, 0.4096



14.3325, 0.2432, 0.1697



14.3325, 0.4554, 0.2522

Sweetspot

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



14.3331, 0.3369, 0.5707



29.5877, 0.3311, 0.4083



7.4393, 0.5306, 0.4169



6.9361, 0.3330, 0.4180



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.



14.3331, 0.3369, 0.5707



25.1284, 0.3352, 0.5720



13.4384, 0.2995, 0.5982



4.5361, 0.3183, 0.3506



15.6269, 0.3366, 0.5709



74.0398, 0.3330, 0.5738

Inverse Universe

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



2.3813, 0.2092, 0.0926



4.1077, 0.2069, 0.0913



5.3016, 0.3250, 0.1564



3.9859, 0.3067, 0.3074



2.5888, 0.2088, 0.0924



11.8400, 0.2038, 0.0896

Previews

White Background



This preview shows how the Yxy color 14.3325, 0.3369, 0.5707 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 14.3325, 0.3369, 0.5707 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 14.3325, 0.3369, 0.5707

Background



This preview shows how black text looks on a background with the Yxy color 14.3325, 0.3369, 0.5707.



This preview shows how white text looks on a background with the Yxy color 14.3325, 0.3369, 0.5707.

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

14.3325, 0.3369, 0.5707

Protanopia

14.2300, 0.4391, 0.4896

Deuteranopia

14.1711, 0.4577, 0.4503



Tritanopia

14.4647, 0.2593, 0.3087

Trichromacy



Original Color

14.3325, 0.3369, 0.5707

Protanomaly

13.9103, 0.3983, 0.5220

Deuteranomaly

13.6170, 0.4117, 0.4963

Tritanomaly

14.0625, 0.2989, 0.4236

Monochromacy



Original Color

14.3325, 0.3369, 0.5707

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.9776, 0.3369, 0.4439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3325, 0.3369, 0.5707 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(58, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(58, 120, 0)  
}
```

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(58, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 120, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.3325, 0.3369, 0.5707 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(58, 120, 0) }
```

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

```
.border{ border-color:rgb(58, 120, 0) }
```

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

Here you see how a box with a 4 pixel rgb(58, 120, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(58, 120, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.3325, 0.3369, 0.5707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 120, 0) }
```

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

```
.background{ background-color: rgb(58, 120,  
0) }
```

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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