

Converting Colors

$Y_{xy}(14.3298, 0.3718, 0.5430)$

Have a look what the booklet for
Yxy(14.3298, 0.3718, 0.5430)
contains.

Yxy(14.3298, 0.3718, 0.5430)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.3298, 0.3718, 0.5430)

Conversions

Conversions Part 1

Format	Color
Hex	537400
RGB	83, 116, 0
RGB Percent	33%, 45%, 0%
CMY	0.6746, 0.5451, 1.0000
CMYK	0.28, 0.00, 1.00, 0.55
HSL	77°, 100%, 23%
HSV	77°, 100%, 45%
XYZ	9.8118, 14.3298, 2.2484
YIQ	92.9090, 17.5680, -43.0720

Conversions

Conversions Part 2

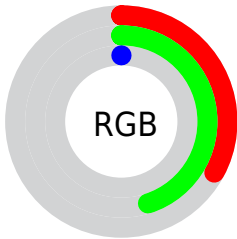
Format	Color
RYB	0, 116, 33
Decimal	5469184
CIELab	44.70, -27.09, 49.79
CIELCh	45, 56.684, 118.555
Yxy	14.3298, 0.3718, 0.5430
Android (android.graphics.Color)	4283659264 (0xFF537400)
YUV	92.9090, -45.8041, -8.6902
Hunter-Lab	37.8547, -19.9791, 22.9767

Details

The Yxy color **14.3298, 0.3718, 0.5430** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.5847, 0.1719, 0.0720**, and the grayscale version is **11.0297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5873, 0.3662, 0.4915**, and **4.4256, 0.3386, 0.5693** is the 20% darker color. If you saturate the color by 10%, you get **14.3304, 0.3718, 0.5430**, and if you desaturate by 10%, it is **14.5098, 0.3729, 0.5318**.

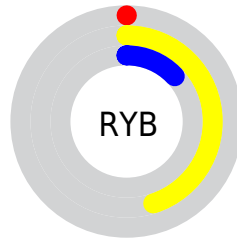
Distribution



Red (33%)

Green (45%)

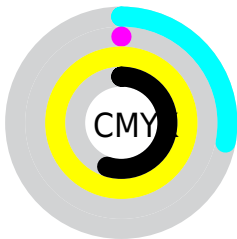
Blue (0%)



Red (0%)

Yellow (45%)

Blue (13%)

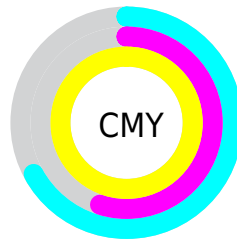


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (67%)


Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3298, 0.3718, 0.5430 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 14.3298, 0.3718, 0.5430 by changing the saturation by 10% instead.


 14.3298, 0.3718,
0.5430


 14.3298, 0.3718,
0.5430

 219.2730, 0.3468,
0.4147


 8.3504, 0.3708,
0.5804


 33.6731, 0.3665,
0.4917


 4.3200, 0.3649,
0.6351

 47.8057, 0.3630,
0.4737


 1.8541, 0.3234,
0.6766

 65.4249, 0.3596,
0.4590

 0.5206, 0.0000,
1.0000


 86.9151, 0.3565,
0.4470


 0.0000, 0.0000,
0.0000

 112.6606, 0.3537,
0.4369


 143.0458, 0.3512,


0.4283


 178.4551, 0.3489,
0.4210


 14.3298, 0.3718,
0.5430


 14.3298, 0.3718,
0.5430


 14.3304, 0.3718,
0.5430

 14.5098, 0.3729,
0.5318

 14.7079, 0.3726,
0.5181

 14.9338, 0.3701,
0.5002

 15.1898, 0.3653,
0.4787

 15.4782, 0.3587,
0.4548

■ 15.8009, 0.3507,
0.4293

■ 16.1595, 0.3417,
0.4032

■ 16.5556, 0.3322,
0.3774

■ 16.9908, 0.3224,
0.3526

Harmonies

Analogous

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



14.3298, 0.4665, 0.4828



14.3298, 0.3718, 0.5430



14.3298, 0.2686, 0.5217

Triad

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



14.3298, 0.3718, 0.5430



14.3298, 0.1309, 0.1974



14.3298, 0.4450, 0.2600

Complementary

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



14.3298, 0.3718, 0.5430



1.5847, 0.1719, 0.0720

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.



14.3298, 0.3241, 0.2050



14.3298, 0.3718, 0.5430



14.3298, 0.1579, 0.1688

Square

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



14.3298, 0.3718, 0.5430



14.3298, 0.1372, 0.2720



14.3298, 0.2211, 0.1731



14.3298, 0.5262, 0.3283

Rectangle

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



14.3298, 0.3718, 0.5430



14.3298, 0.2075, 0.4467



14.3298, 0.2211, 0.1731



14.3298, 0.4059, 0.2397

Sweetspot

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



14.3304, 0.3718, 0.5430



28.3525, 0.3424, 0.4052



4.7938, 0.5932, 0.3672



6.7123, 0.3455, 0.4139



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.3304, 0.3718, 0.5430



25.1215, 0.3706, 0.5439



12.7004, 0.3100, 0.5921



4.2164, 0.3215, 0.3502



16.0709, 0.3715, 0.5432



77.8657, 0.3690, 0.5452

Inverse Universe

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



1.5847, 0.1719, 0.0720



2.7263, 0.1697, 0.0708



3.4787, 0.2688, 0.1254



3.6357, 0.3035, 0.3074



1.7696, 0.1714, 0.0718



8.2403, 0.1668, 0.0693

Previews

White Background



This preview shows how the Yxy color 14.3298, 0.3718, 0.5430 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 14.3298, 0.3718, 0.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

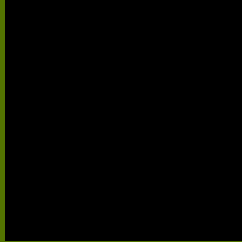
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3298, 0.3718, 0.5430

Background



This preview shows how black text looks on a background with the Yxy color 14.3298, 0.3718, 0.5430.



This preview shows how white text looks on a background with the Yxy color 14.3298, 0.3718, 0.5430.

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

14.3298, 0.3718, 0.5430

Protanopia

14.2300, 0.4391, 0.4896

Deuteranopia

14.1588, 0.4597, 0.4528



Tritanopia

14.3658, 0.2848, 0.3116

Trichromacy



Original Color

14.3298, 0.3718, 0.5430

Protanomaly

14.2160, 0.4133, 0.5100

Deuteranomaly

13.9846, 0.4279, 0.4863

Tritanomaly

14.0370, 0.3297, 0.4156

Monochromacy



Original Color

14.3298, 0.3718, 0.5430

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.7470, 0.3514, 0.4317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3298, 0.3718, 0.5430 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(83, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(83, 116, 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(83, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 116, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.3298, 0.3718, 0.5430 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(83, 116, 0) }
```

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

```
.border{ border-color:rgb(83, 116, 0) }
```

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

Here you see how a box with a 4 pixel rgb(83, 116, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(83, 116, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.3298, 0.3718, 0.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 116, 0) }
```

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

```
.background{ background-color: rgb(83, 116,  
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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