

Converting Colors

$Y_{xy}(14.0410, 0.3757, 0.5448)$

Have a look what the booklet for
Yxy(14.0410, 0.3757, 0.5448)
contains.

Yxy(14.1463, 0.3743, 0.5410)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(14.1463, 0.3743, 0.5410)$

Conversions

Conversions Part 1

Format	Color
Hex	547300
RGB	84, 115, 0
RGB Percent	33%, 45%, 0%
CMY	0.6706, 0.5490, 1.0000
CMYK	0.27, 0.00, 1.00, 0.55
HSL	76°, 100%, 23%
HSV	76°, 100%, 45%
XYZ	9.7874, 14.1463, 2.2148
YIQ	92.6210, 18.4390, -42.3370

Conversions

Conversions Part 2

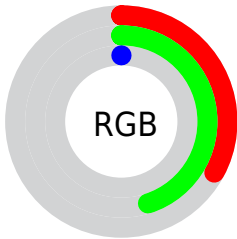
Format	Color
RYB	0, 115, 31
Decimal	5534464
CIELab	44.44, -26.17, 49.62
CIELCh	44, 56.093, 117.808
Yxy	14.1463, 0.3743, 0.5410
Android (android.graphics.Color)	4283724544 (0xFF547300)
YUV	92.6210, -45.6622, -7.5606
Hunter-Lab	37.6116, -19.3706, 22.8368

Details

The Yxy color **14.1463, 0.3743, 0.5410** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.5295, 0.1701, 0.0711**, and the grayscale version is **10.9594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3036, 0.3678, 0.4899**, and **4.3376, 0.3434, 0.5655** is the 20% darker color. If you saturate the color by 10%, you get **14.1468, 0.3743, 0.5410**, and if you desaturate by 10%, it is **14.3185, 0.3751, 0.5300**.

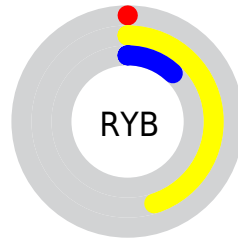
Distribution



Red (33%)

Green (45%)

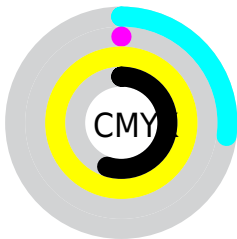
Blue (0%)



Red (0%)

Yellow (45%)

Blue (12%)

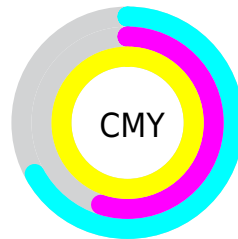


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (67%)


Magenta (55%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1463, 0.3743, 0.5410 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 14.1463, 0.3743, 0.5410 by changing the saturation by 10% instead.


 14.1463, 0.3743,
0.5410


 14.1463, 0.3743,
0.5410


 218.1391, 0.3477,
0.4139


 8.2225, 0.3740,
0.5780


 33.3484, 0.3683,
0.4903


 4.2376, 0.3685,
0.6315

 47.3955, 0.3645,
0.4724


 1.8074, 0.3278,
0.6722

 64.9191, 0.3610,
0.4579

 0.4918, 0.0000,
1.0000

 86.3036, 0.3577,
0.4460

 0.0000, 0.0000,
0.0000


 111.9335, 0.3548,
0.4359

 142.1931, 0.3522,


0.4275

 177.4668, 0.3498,
0.4202

 14.1463, 0.3743,
0.5410


 14.1463, 0.3743,
0.5410

 14.1468, 0.3743,
0.5410

 14.3185, 0.3751,
0.5300

 14.5077, 0.3746,
0.5165

 14.7234, 0.3718,
0.4989

 14.9680, 0.3668,
0.4778

 15.2435, 0.3599,
0.4541

■ 15.5519, 0.3517,
0.4288

■ 15.8947, 0.3424,
0.4029

■ 16.2736, 0.3326,
0.3773

■ 16.6899, 0.3226,
0.3525

Harmonies

Analogous

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



14.1463, 0.4680, 0.4804



14.1463, 0.3743, 0.5410



14.1463, 0.2715, 0.5222

Triad

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



14.1463, 0.3743, 0.5410



14.1463, 0.1314, 0.1993



14.1463, 0.4415, 0.2589

Complementary

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



14.1463, 0.3743, 0.5410



1.5295, 0.1701, 0.0711

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.



14.1463, 0.3211, 0.2045



14.1463, 0.3743, 0.5410



14.1463, 0.1575, 0.1699

Square

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



14.1463, 0.3743, 0.5410



14.1463, 0.1387, 0.2750



14.1463, 0.2196, 0.1734



14.1463, 0.5239, 0.3267

Rectangle

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



14.1463, 0.3743, 0.5410



14.1463, 0.2102, 0.4492



14.1463, 0.2196, 0.1734



14.1463, 0.4023, 0.2387

Sweetspot

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



14.1469, 0.3743, 0.5410



28.4105, 0.3432, 0.4050



4.6080, 0.5969, 0.3642



6.7275, 0.3463, 0.4137



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.



14.1469, 0.3743, 0.5410



25.2650, 0.3731, 0.5419



12.4927, 0.3113, 0.5911



4.2190, 0.3217, 0.3502



16.1616, 0.3740, 0.5412



78.3201, 0.3716, 0.5432

Inverse Universe

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



1.5295, 0.1701, 0.0711



2.6788, 0.1679, 0.0699



3.3211, 0.2648, 0.1233



3.6332, 0.3033, 0.3074



1.7383, 0.1696, 0.0708



8.1019, 0.1651, 0.0683

Previews

White Background



This preview shows how the Yxy color 14.1463, 0.3743, 0.5410 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 14.1463, 0.3743, 0.5410 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 14.1463, 0.3743, 0.5410

Background



This preview shows how black text looks on a background with the Yxy color 14.1463, 0.3743, 0.5410.



This preview shows how white text looks on a background with the Yxy color 14.1463, 0.3743, 0.5410.

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

14.1463, 0.3743, 0.5410

Protanopia

13.9547, 0.4392, 0.4894

Deuteranopia

14.0740, 0.4589, 0.4546



Tritanopia

14.1861, 0.2871, 0.3116

Trichromacy



Original Color

14.1463, 0.3743, 0.5410

Protanomaly

14.0014, 0.4148, 0.5089

Deuteranomaly

13.7770, 0.4299, 0.4856

Tritanomaly

13.8570, 0.3327, 0.4156

Monochromacy



Original Color

14.1463, 0.3743, 0.5410

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.7968, 0.3530, 0.4311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1463, 0.3743, 0.5410 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(84, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(84, 115, 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(84, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 115, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.1463, 0.3743, 0.5410 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(84, 115, 0) }
```

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

```
.border{ border-color:rgb(84, 115, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(84, 115, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.1463, 0.3743, 0.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 115, 0) }
```

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

```
.background{ background-color: rgb(84, 115,  
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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