

Converting Colors

$Y_{xy}(14.0276, 0.3789, 0.5196)$

Have a look what the booklet for
Yxy(14.0276, 0.3789, 0.5196)
contains.

Yxy(14.0276, 0.3789, 0.5196)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.0276, 0.3789, 0.5196)

Conversions

Conversions Part 1

Format	Color
Hex	5A7112
RGB	90, 113, 18
RGB Percent	35%, 44%, 7%
CMY	0.6471, 0.5568, 0.9294
CMYK	0.20, 0.00, 0.84, 0.56
HSL	75°, 73%, 26%
HSV	75°, 84%, 44%
XYZ	10.2291, 14.0276, 2.7402
YIQ	95.2930, 16.7870, -34.4210

Conversions

Conversions Part 2

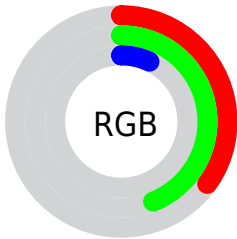
Format	Color
R_{YB}	18, 113, 41
Decimal	5927186
CIE _{Lab}	44.27, -21.96, 45.31
CIE _{LCh}	44, 50.351, 115.862
Yxy	14.0276, 0.3789, 0.5196
Android (android.graphics.Color)	4284117266 (0xFF5A7112)
YUV	95.2930, -38.1054, -4.6420
Hunter-Lab	37.4534, -16.7923, 21.8796

Details

The Yxy color **14.0276, 0.3789, 0.5196** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.0966, 0.1867, 0.0952**, and the grayscale version is **11.6073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2048, 0.3696, 0.4735**, and **4.2317, 0.3606, 0.5519** is the 20% darker color. If you saturate the color by 10%, you get **13.8645, 0.3790, 0.5311**, and if you desaturate by 10%, it is **14.2146, 0.3765, 0.5041**.

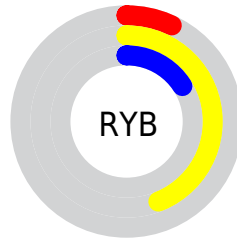
Distribution



Red (35%)

Green (44%)

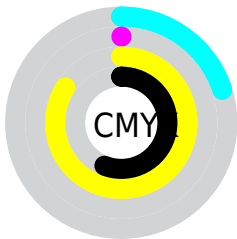
Blue (7%)



Red (7%)

Yellow (44%)

Blue (16%)

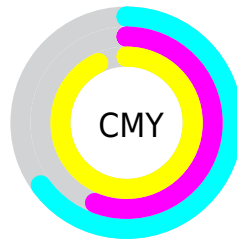


Cyan (20%)

Magenta (0%)

Yellow (84%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0276, 0.3789, 0.5196 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 14.0276, 0.3789, 0.5196 by changing the saturation by 10% instead.


 14.0276, 0.3789,
0.5196

 14.0276, 0.3789,
0.5196

217.4025, 0.3472,
0.4051

 8.1399, 0.3815,
0.5531


 33.1380, 0.3696,
0.4735

 4.1846, 0.3878,
0.6122

 47.1294, 0.3652,
0.4574


 1.7773, 0.3535,
0.6465

 64.5909, 0.3612,
0.4444

 0.4730, 0.0000,
1.0000

 85.9068, 0.3577,
0.4337

 0.0000, 0.0000,
0.0000

 111.4615, 0.3545,
0.4247


 141.6394, 0.3518,


0.4172

 176.8249, 0.3493,
0.4107


 14.0276, 0.3789,
0.5196

 14.0276, 0.3789,
0.5196


 13.8645, 0.3790,
0.5311

 14.2146, 0.3765,
0.5041

 13.7723, 0.3788,
0.5374

 14.4267, 0.3719,
0.4849

 14.6665, 0.3653,
0.4626

 14.9360, 0.3571,
0.4383

 15.2367, 0.3477,
0.4129

■ 15.5701, 0.3376,
0.3874

■ 15.9377, 0.3273,
0.3624

■ 16.3408, 0.3169,
0.3384

■ 16.7806, 0.3068,
0.3158

Harmonies

Analogous

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



14.0276, 0.4628, 0.4670



14.0276, 0.3789, 0.5196



14.0276, 0.2837, 0.5043

Triad

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



14.0276, 0.3789, 0.5196



14.0276, 0.1442, 0.2143



14.0276, 0.4226, 0.2616

Complementary

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



14.0276, 0.3789, 0.5196



2.0966, 0.1867, 0.0952

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.



14.0276, 0.3143, 0.2116



14.0276, 0.3789, 0.5196



14.0276, 0.1667, 0.1830

Square

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



14.0276, 0.3789, 0.5196



14.0276, 0.1541, 0.2882



14.0276, 0.2230, 0.1839



14.0276, 0.5009, 0.3254

Rectangle

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



14.0276, 0.3789, 0.5196



14.0276, 0.2257, 0.4434



14.0276, 0.2230, 0.1839



14.0276, 0.3871, 0.2429

Sweetspot

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



14.0282, 0.3789, 0.5196



27.7781, 0.3393, 0.3914



5.0834, 0.5522, 0.3653



6.3863, 0.3420, 0.3983



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.0282, 0.3789, 0.5196



24.5966, 0.3778, 0.5383



12.3764, 0.3194, 0.5628



3.8775, 0.3220, 0.3500



15.6109, 0.3786, 0.5376



77.3509, 0.3763, 0.5394

Inverse Universe

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



2.0966, 0.1867, 0.0952



2.5073, 0.1651, 0.0683



3.6834, 0.2680, 0.1373



3.3359, 0.3030, 0.3075



1.6143, 0.1667, 0.0692



7.6962, 0.1624, 0.0668

Previews

White Background



This preview shows how the Yxy color 14.0276, 0.3789, 0.5196 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 14.0276, 0.3789, 0.5196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

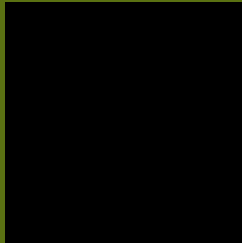
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0276, 0.3789, 0.5196

Background



This preview shows how black text looks on a background with the Yxy color 14.0276, 0.3789, 0.5196.



This preview shows how white text looks on a background with the Yxy color 14.0276, 0.3789, 0.5196.

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

14.0276, 0.3789, 0.5196

Protanopia

13.9921, 0.4330, 0.4803

Deuteranopia

13.8236, 0.4557, 0.4497



Tritanopia

13.9481, 0.2945, 0.3117

Trichromacy



Original Color

14.0276, 0.3789, 0.5196

Protanomaly

13.9537, 0.4129, 0.4946

Deuteranomaly

13.6755, 0.4276, 0.4751

Tritanomaly

13.7620, 0.3344, 0.3980

Monochromacy



Original Color

14.0276, 0.3789, 0.5196

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

12.2351, 0.3467, 0.4127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0276, 0.3789, 0.5196 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(90, 113, 18)` looks like.

```
.text, #text, p{  
    color:rgb(90, 113, 18)  
}
```

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(90, 113, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 113, 18) }
```

Border

The CSS property to change the border of an element to Yxy 14.0276, 0.3789, 0.5196 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(90, 113, 18) }
```

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

```
.border{ border-color:rgb(90, 113, 18) }
```

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

Here you see how a box with a 4 pixel rgb(90, 113, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 113, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 113, 18);  
box-shadow:4px 4px 4px 4px rgb(90, 113,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0276, 0.3789, 0.5196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 113, 18) }
```

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

```
.background{ background-color: rgb(90, 113,  
18) }
```

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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