

Converting Colors

$Y_{xy}(14.6274, 0.4329, 0.4776)$

Have a look what the booklet for
Yxy(14.6274, 0.4329, 0.4776)
contains.

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Color

Yxy(14.6274, 0.4329, 0.4776)

Conversions

Conversions Part 1

Format	Color
Hex	796B13
RGB	121, 107, 19
RGB Percent	47%, 42%, 7%
CMY	0.5256, 0.5804, 0.9254
CMYK	0.00, 0.12, 0.84, 0.53
HSL	52°, 73%, 27%
HSV	52°, 84%, 47%
XYZ	13.2584, 14.6274, 2.7411
YIQ	101.1540, 36.5920, -24.4000

Conversions

Conversions Part 2

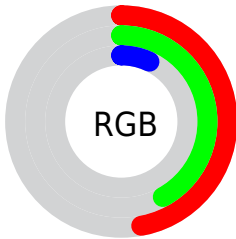
Format	Color
R_{YB}	35, 121, 19
Decimal	7957267
CIE _{Lab}	45.12, -4.14, 46.76
CIE _{LCh}	45, 46.945, 95.054
Yxy	14.6274, 0.4329, 0.4776
Android (android.graphics.Color)	4286147347 (0xFF796B13)
YUV	101.1540, -40.5019, 17.4049
Hunter-Lab	38.2458, -5.0509, 22.5227

Details

The Yxy color **14.6274, 0.4329, 0.4776** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.6053, 0.1689, 0.1033**, and the grayscale version is **13.1557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1388, 0.4098, 0.4474**, and **4.4969, 0.4414, 0.4877** is the 20% darker color. If you saturate the color by 10%, you get **14.2539, 0.4406, 0.4828**, and if you desaturate by 10%, it is **15.0295, 0.4228, 0.4684**.

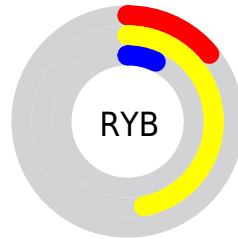
Distribution



Red (47%)

Green (42%)

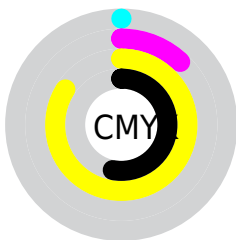
Blue (7%)



Red (14%)

Yellow (47%)

Blue (7%)

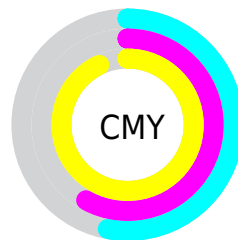


Cyan (0%)

Magenta (12%)

Yellow (84%)

Black (53%)



Cyan (53%)

Magenta (58%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6274, 0.4329, 0.4776 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 14.6274, 0.4329, 0.4776 by changing the saturation by 10% instead.


 14.6274, 0.4329,
0.4776


 14.6274, 0.4329,
0.4776


221.0998, 0.3680,
0.3946


 8.5583, 0.4466,
0.4974


 34.1982, 0.4098,
0.4468


 4.4542, 0.4696,
0.5304

 48.4687, 0.4007,
0.4352


 1.9308, 0.4639,
0.5361

 66.2418, 0.3930,
0.4255

 0.5668, 0.4358,
0.5642

 87.9018, 0.3864,
0.4173

 0.0000, 0.0000,
0.0000


 113.8332, 0.3808,
0.4103


 144.4204, 0.3760,

0.4044

 180.0478, 0.3717,
0.3992


 14.6274, 0.4329,
0.4776

 14.6274, 0.4329,
0.4776


 14.2539, 0.4406,
0.4828


 15.0295, 0.4228,
0.4684

 14.0460, 0.4446,
0.4851

 15.4616, 0.4104,
0.4554

 15.9267, 0.3963,
0.4391

 16.4271, 0.3809,
0.4204

 16.9647, 0.3651,
0.4002

■ 17.5412, 0.3492,
0.3792

■ 18.1583, 0.3336,
0.3581

■ 18.8175, 0.3188,
0.3376

■ 19.5203, 0.3049,
0.3179

Harmonies

Analogous

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



14.6274, 0.4898, 0.4146



14.6274, 0.4329, 0.4776



14.6274, 0.3496, 0.5085

Triad

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



14.6274, 0.4329, 0.4776



14.6274, 0.1580, 0.2667



14.6274, 0.3452, 0.2318

Complementary

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



14.6274, 0.4329, 0.4776



2.6053, 0.1689, 0.1033

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.



14.6274, 0.2526, 0.1984



14.6274, 0.4329, 0.4776



14.6274, 0.1578, 0.2099

Square

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



14.6274, 0.4329, 0.4776



14.6274, 0.1922, 0.3635



14.6274, 0.1889, 0.1897



14.6274, 0.4412, 0.2843

Rectangle

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



14.6274, 0.4329, 0.4776



14.6274, 0.2899, 0.4898



14.6274, 0.1889, 0.1897



14.6274, 0.3121, 0.2182

Sweetspot

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



14.6281, 0.4329, 0.4776



31.2805, 0.3513, 0.3820



4.6469, 0.5589, 0.3088



7.0850, 0.3557, 0.3879



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.



14.6281, 0.4329, 0.4776



25.0121, 0.4453, 0.4846



15.6617, 0.3640, 0.5316



4.5448, 0.3258, 0.3473



15.0460, 0.4447, 0.4851



70.8527, 0.4463, 0.4839

Inverse Universe

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



2.6053, 0.1689, 0.1033



3.0329, 0.1533, 0.0720



2.6500, 0.2000, 0.1011



3.9740, 0.2994, 0.3100



1.8839, 0.1540, 0.0744



8.2346, 0.1525, 0.0689

Previews

White Background



This preview shows how the Yxy color 14.6274, 0.4329, 0.4776 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 14.6274, 0.4329, 0.4776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

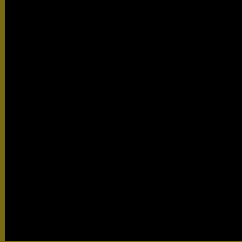
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6274, 0.4329, 0.4776

Background



This preview shows how black text looks on a background with the Yxy color 14.6274, 0.4329, 0.4776.



This preview shows how white text looks on a background with the Yxy color 14.6274, 0.4329, 0.4776.

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

14.6274, 0.4329, 0.4776

Protanopia

14.5555, 0.4315, 0.4786

Deuteranopia

14.5201, 0.4603, 0.4516



Tritanopia

14.6879, 0.3429, 0.3155

Trichromacy



Original Color

14.6274, 0.4329, 0.4776

Protanomaly

14.5555, 0.4315, 0.4786

Deuteranomaly

14.5042, 0.4506, 0.4602

Tritanomaly

14.5685, 0.3852, 0.3849

Monochromacy



Original Color

14.6274, 0.4329, 0.4776

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.3436, 0.3643, 0.3994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6274, 0.4329, 0.4776 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(121, 107, 19)` looks like.

```
.text, #text, p{  
    color:rgb(121, 107, 19)  
}
```

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(121, 107, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 107, 19) }
```

Border

The CSS property to change the border of an element to Yxy 14.6274, 0.4329, 0.4776 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(121, 107, 19) }
```

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

```
.border{ border-color:rgb(121, 107, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 107, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 107, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 107, 19);  
box-shadow:4px 4px 4px 4px rgb(121, 107,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6274, 0.4329, 0.4776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 107, 19) }
```

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

```
.background{ background-color: rgb(121,  
107, 19) }
```

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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