

Converting Colors

$Y_{xy}(17.3484, 0.4472, 0.5256)$

Have a look what the booklet for
Yxy(17.3484, 0.4472, 0.5256)
contains.

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Color

Yxy(17.3925, 0.4305, 0.4964)

Conversions

Conversions Part 1

Format	Color
Hex	7E7600
RGB	126, 118, 0
RGB Percent	49%, 46%, 0%
CMY	0.5058, 0.5373, 1.0000
CMYK	0.00, 0.06, 1.00, 0.51
HSL	56°, 100%, 25%
HSV	56°, 100%, 49%
XYZ	15.0835, 17.3925, 2.5612
YIQ	106.9400, 42.6460, -35.0020

Conversions

Conversions Part 2

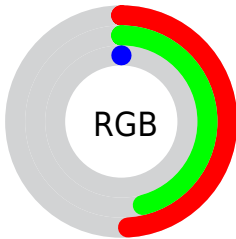
Format	Color
R_{YB}	9, 126, 0
Decimal	8287744
CIE Lab	48.75, -8.40, 54.33
CIE LCh	49, 54.979, 98.784
Yxy	17.3925, 0.4305, 0.4964
Android (android.graphics.Color)	4286477824 (0xFF7E7600)
YUV	106.9400, -52.7214, 16.7156
Hunter-Lab	41.7043, -8.4230, 25.5518

Details

The Yxy color **17.3925, 0.4305, 0.4964** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.6804, 0.1517, 0.0662**, and the grayscale version is **14.8264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0647, 0.4107, 0.4638**, and **5.7968, 0.4259, 0.5000** is the 20% darker color. If you saturate the color by 10%, you get **17.3934, 0.4305, 0.4964**, and if you desaturate by 10%, it is **17.6108, 0.4257, 0.4916**.

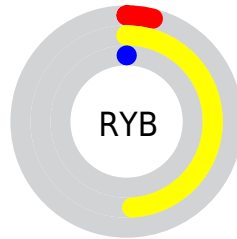
Distribution



Red (49%)

Green (46%)

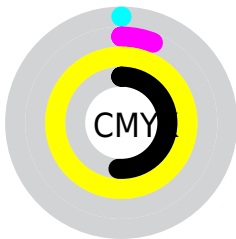
Blue (0%)



Red (4%)

Yellow (49%)

Blue (0%)

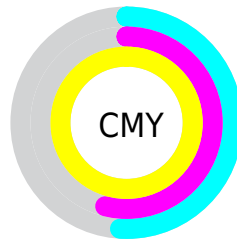


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (51%)



Cyan (51%)


Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3925, 0.4305, 0.4964 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 17.3925, 0.4305, 0.4964 by changing the saturation by 10% instead.


 17.3925, 0.4305,
0.4964


 17.3925, 0.4305,
0.4964


237.4242, 0.3712,
0.4057


 10.5147, 0.4405,
0.5166


 38.9994, 0.4111,
0.4638


 5.7416, 0.4541,
0.5459

 54.4973, 0.4029,
0.4511


 2.6886, 0.4443,
0.5557

 73.6374, 0.3957,
0.4404

 0.9714, 0.4243,
0.5757

 96.8040, 0.3894,
0.4313


 0.0000, 0.0000,
0.0000

 124.3817, 0.3840,
0.4235

 156.7546, 0.3792,


0.4168


 194.3073, 0.3750,
0.4109


 17.3925, 0.4305,
0.4964

 17.3925, 0.4305,
0.4964


 17.3934, 0.4305,
0.4964

 17.6108, 0.4257,
0.4916

 17.8449, 0.4192,
0.4842

 18.1051, 0.4103,
0.4726

 18.3945, 0.3992,
0.4574

 18.7155, 0.3862,
0.4391

■ 19.0704, 0.3720,
0.4184

■ 19.4612, 0.3571,
0.3963

■ 19.8898, 0.3419,
0.3736

■ 20.3578, 0.3271,
0.3510

Harmonies

Analogous

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



17.3925, 0.4992, 0.4272



17.3925, 0.4305, 0.4964



17.3925, 0.3379, 0.5277

Triad

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



17.3925, 0.4305, 0.4964



17.3925, 0.1435, 0.2490



17.3925, 0.3617, 0.2295

Complementary

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



17.3925, 0.4305, 0.4964



1.6804, 0.1517, 0.0662

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.



17.3925, 0.2575, 0.1911



17.3925, 0.4305, 0.4964



17.3925, 0.1480, 0.1944

Square

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



17.3925, 0.4305, 0.4964



17.3925, 0.1742, 0.3509



17.3925, 0.1850, 0.1780



17.3925, 0.4655, 0.2872

Rectangle

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



17.3925, 0.4305, 0.4964



17.3925, 0.2737, 0.5009



17.3925, 0.1850, 0.1780



17.3925, 0.3247, 0.2141

Sweetspot

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



17.3934, 0.4305, 0.4964



34.2003, 0.3581, 0.3979



4.4547, 0.6291, 0.3239



7.7242, 0.3633, 0.4056



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.3934, 0.4305, 0.4964



30.5339, 0.4308, 0.4962



16.2790, 0.3482, 0.5617



4.9741, 0.3258, 0.3490



17.8388, 0.4305, 0.4964



0.0000, 0.0000, 0.0000

Inverse Universe

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



1.6804, 0.1517, 0.0662



2.8767, 0.1513, 0.0646



2.3077, 0.1932, 0.0838



4.2522, 0.2993, 0.3082



1.7213, 0.1517, 0.0661



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.3925, 0.4305, 0.4964 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 Xy color 17.3925, 0.4305, 0.4964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

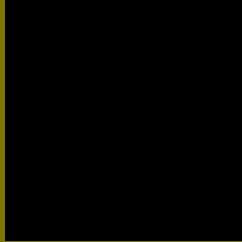
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 17.3925, 0.4305, 0.4964

Background



This preview shows how black text looks on a background with the Yxy color 17.3925, 0.4305, 0.4964.



This preview shows how white text looks on a background with the Yxy color 17.3925, 0.4305, 0.4964.

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

17.3925, 0.4305, 0.4964

Protanopia

17.3161, 0.4403, 0.4886

Deuteranopia

17.3003, 0.4644, 0.4585



Tritanopia

17.4464, 0.3337, 0.3144

Trichromacy



Original Color

17.3925, 0.4305, 0.4964

Protanomaly

17.3897, 0.4361, 0.4920

Deuteranomaly

17.3211, 0.4527, 0.4722

Tritanomaly

17.0641, 0.3851, 0.4012

Monochromacy



Original Color

17.3925, 0.4305, 0.4964

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.3636, 0.3720, 0.4181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3925, 0.4305, 0.4964 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(126, 118, 0)` looks like.

```
.text, #text, p{  
    color:rgb(126, 118, 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(126, 118, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 118, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.3925, 0.4305, 0.4964 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(126, 118, 0) }
```

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

```
.border{ border-color:rgb(126, 118, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 118, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 118, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 118, 0);  
box-shadow:4px 4px 4px 4px rgb(126, 118,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3925, 0.4305, 0.4964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 118, 0) }
```

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

```
.background{ background-color: rgb(126,  
118, 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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