

Converting Colors

$Y_{xy}(17.3282, 0.2723, 0.3901)$

Have a look what the booklet for
Yxy(17.3282, 0.2723, 0.3901)
contains.

Yxy(17.4679, 0.2726, 0.3909)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.4679, 0.2726, 0.3909)

Conversions

Conversions Part 1

Format	Color
Hex	408065
RGB	64, 128, 101
RGB Percent	25%, 50%, 40%
CMY	0.7490, 0.4980, 0.6040
CMYK	0.50, 0.00, 0.21, 0.50
HSL	155°, 33%, 38%
HSV	155°, 50%, 50%
XYZ	12.1815, 17.4679, 15.0370
YIQ	105.7860, -29.4770, -21.9650

Conversions

Conversions Part 2

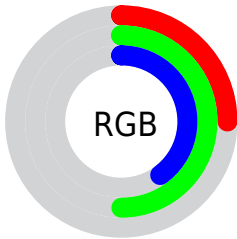
Format	Color
RYB	64, 105, 128
Decimal	4227173
CIELab	48.84, -27.41, 8.42
CIELCh	49, 28.675, 162.920
Yxy	17.4679, 0.2726, 0.3909
Android (android.graphics.Color)	4282417253 (0xFF408065)
YUV	105.7860, -2.3595, -36.6463
Hunter-Lab	41.7946, -21.1148, 7.9247

Details

The Yxy color **17.4679, 0.2726, 0.3909** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9.0115, 0.3871, 0.2763**, and the grayscale version is **14.3638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0277, 0.2823, 0.3749**, and **5.7474, 0.2536, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **16.9852, 0.2675, 0.4061**, and if you desaturate by 10%, it is **18.0575, 0.2791, 0.3765**.

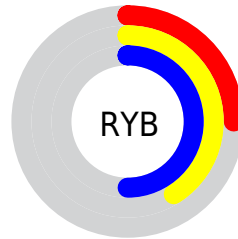
Distribution



Red (25%)

Green (50%)

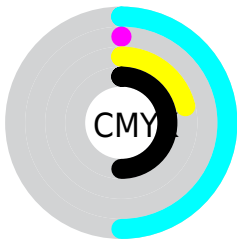
Blue (40%)



Red (25%)

Yellow (41%)

Blue (50%)

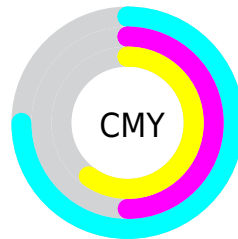


Cyan (50%)

Magenta (0%)

Yellow (21%)

Black (50%)



Cyan (75%)


Magenta (50%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4679, 0.2726, 0.3909 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 17.4679, 0.2726, 0.3909 by changing the saturation by 10% instead.


 17.4679, 0.2726,
0.3909


 17.4679, 0.2726,
0.3909


237.8545, 0.2965,
0.3537


 10.5687, 0.2648,
0.4033


 39.1285, 0.2824,
0.3754


 5.7776, 0.2534,
0.4217

 54.6587, 0.2858,
0.3702


 2.7103, 0.2348,
0.4522

 73.8346, 0.2884,
0.3661

 0.9824, 0.1519,
0.5708

 97.0407, 0.2906,
0.3627

 0.0000, 0.0000,
0.0000

 124.6613, 0.2924,
0.3599

157.0809, 0.2940,

0.3575

194.6838, 0.2953,
0.3555

■ 17.4679, 0.2726,
0.3909

■ 17.4679, 0.2726,
0.3909

■ 16.9852, 0.2675,
0.4061

■ 18.0575, 0.2791,
0.3765

■ 16.6003, 0.2639,
0.4218

■ 18.7582, 0.2866,
0.3630

■ 16.3061, 0.2622,
0.4377

■ 19.5765, 0.2949,
0.3506

■ 16.0934, 0.2623,
0.4535

■ 20.5178, 0.3037,
0.3392

■ 15.9335, 0.2636,
0.4691

■ 21.5871, 0.3127,
0.3290

■ 22.7893, 0.3219,
0.3199

■ 24.1287, 0.3309,
0.3117

■ 25.6099, 0.3398,
0.3045

■ 27.2367, 0.3485,
0.2982

Harmonies

Analogous

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



17.4679, 0.3257, 0.4259



17.4679, 0.2726, 0.3909



17.4679, 0.2325, 0.3356

Triad

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



17.4679, 0.2726, 0.3909



17.4679, 0.2455, 0.2413



17.4679, 0.4229, 0.3580

Complementary

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



17.4679, 0.2726, 0.3909



9.0115, 0.3871, 0.2763

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.



17.4679, 0.3982, 0.3148



17.4679, 0.2726, 0.3909



17.4679, 0.2918, 0.2507

Square

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



17.4679, 0.2726, 0.3909



17.4679, 0.2185, 0.2519



17.4679, 0.3484, 0.2768



17.4679, 0.4144, 0.3988

Rectangle

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



17.4679, 0.2726, 0.3909



17.4679, 0.2175, 0.2998



17.4679, 0.3484, 0.2768



17.4679, 0.4182, 0.3434

Sweetspot

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



17.4686, 0.2726, 0.3909



35.2096, 0.2989, 0.3451



18.0712, 0.3363, 0.4663



8.1758, 0.2974, 0.3472



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



17.4686, 0.2726, 0.3909



29.7997, 0.2669, 0.4082



16.9980, 0.2479, 0.3196



4.8571, 0.3045, 0.3383



15.7983, 0.2636, 0.4691



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.0115, 0.3871, 0.2763



13.1003, 0.4140, 0.2664



9.1258, 0.4408, 0.3377



4.3720, 0.3218, 0.3199



4.8152, 0.5213, 0.2645



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.4679, 0.2726, 0.3909 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 17.4679, 0.2726, 0.3909 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 17.4679, 0.2726, 0.3909

Background



This preview shows how black text looks on a background with the Yxy color 17.4679, 0.2726, 0.3909.



This preview shows how white text looks on a background with the Yxy color 17.4679, 0.2726, 0.3909.

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

17.4679, 0.2726, 0.3909

Protanopia

17.2253, 0.3470, 0.3685

Deuteranopia

17.2141, 0.3479, 0.3404



Tritanopia

17.5530, 0.2501, 0.3079

Trichromacy



Original Color

17.4679, 0.2726, 0.3909

Protanomaly

17.0627, 0.3154, 0.3779

Deuteranomaly

16.8479, 0.3153, 0.3559

Tritanomaly

17.3745, 0.2581, 0.3354

Monochromacy



Original Color

17.4679, 0.2726, 0.3909

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

15.2583, 0.2953, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4679, 0.2726, 0.3909 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(64, 128, 101)` looks like.

```
.text, #text, p{  
    color:rgb(64, 128, 101)  
}
```

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(64, 128, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 128, 101) }
```

Border

The CSS property to change the border of an element to Yxy 17.4679, 0.2726, 0.3909 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(64, 128, 101) }
```

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

```
.border{ border-color:rgb(64, 128, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 128, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 128, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 128, 101);  
box-shadow:4px 4px 4px 4px rgb(64, 128,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4679, 0.2726, 0.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 128, 101) }
```

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

```
.background{ background-color: rgb(64, 128,  
101) }
```

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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