

Converting Colors

$Y_{xy}(17.1622, 0.3252, 0.5382)$

Have a look what the booklet for
Yxy(17.1622, 0.3252, 0.5382)
contains.

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Color

Yxy(17.1766, 0.3257, 0.5379)

Conversions

Conversions Part 1

Format	Color
Hex	408223
RGB	64, 130, 35
RGB Percent	25%, 51%, 14%
CMY	0.7490, 0.4902, 0.8628
CMYK	0.51, 0.00, 0.73, 0.49
HSL	102°, 58%, 32%
HSV	102°, 73%, 51%
XYZ	10.4005, 17.1766, 4.3556
YIQ	99.4360, -8.8410, -43.5370

Conversions

Conversions Part 2

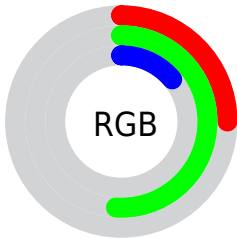
Format	Color
R_{YB}	35, 130, 101
Decimal	4227619
CIE _{Lab}	48.48, -38.79, 42.77
CIE _{LCh}	48, 57.741, 132.200
Yxy	17.1766, 0.3257, 0.5379
Android (android.graphics.Color)	4282417699 (0xFF408223)
YUV	99.4360, -31.7669, -31.0774
Hunter-Lab	41.4447, -27.7338, 22.7802

Details

The Yxy color **17.1766, 0.3257, 0.5379** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5.5780, 0.2684, 0.1498**, and the grayscale version is **12.6772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8044, 0.3286, 0.4850**, and **5.7373, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **16.8353, 0.3230, 0.5606**, and if you desaturate by 10%, it is **17.5970, 0.3269, 0.5106**.

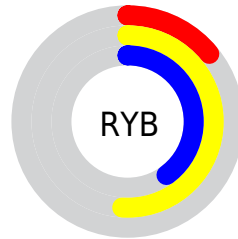
Distribution



Red (25%)

Green (51%)

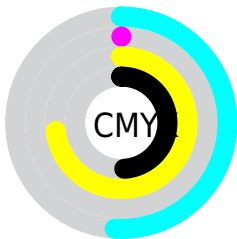
Blue (14%)



Red (14%)

Yellow (51%)

Blue (40%)

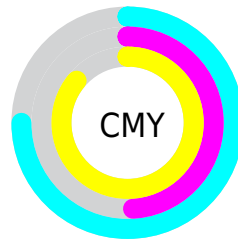


Cyan (51%)

Magenta (0%)

Yellow (73%)

Black (49%)



Cyan (75%)


Magenta (49%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1766, 0.3257, 0.5379 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 17.1766, 0.3257, 0.5379 by changing the saturation by 10% instead.


 17.1766, 0.3257,
0.5379


 17.1766, 0.3257,
0.5379


236.1880, 0.3256,
0.4102


 10.3605, 0.3199,
0.5784


 38.6292, 0.3288,
0.4850


 5.6386, 0.3091,
0.6406

 54.0344, 0.3289,
0.4672

 2.6266, 0.2773,
0.7227

 73.0715, 0.3285,
0.4529

 0.9401, 0.0000,
1.0000

 96.1247, 0.3280,
0.4412

 0.0000, 0.0000,
0.0000

 123.5787, 0.3274,
0.4314

 155.8176, 0.3268,

0.4232

193.2259, 0.3262,
0.4162

■ 17.1766, 0.3257,
0.5379

■ 17.1766, 0.3257,
0.5379

■ 16.8353, 0.3230,
0.5606

■ 17.5970, 0.3269,
0.5106

■ 16.5652, 0.3191,
0.5773

■ 18.0994, 0.3268,
0.4805

■ 16.4112, 0.3164,
0.5870

■ 18.6890, 0.3255,
0.4493

■ 19.3700, 0.3233,
0.4183

■ 20.1465, 0.3205,
0.3888

■ 21.0220, 0.3172,
0.3613

■ 21.9999, 0.3138,
0.3362

■ 23.0837, 0.3103,
0.3137

■ 24.2764, 0.3068,
0.2936

Harmonies

Analogous

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



17.1766, 0.4237, 0.5100



17.1766, 0.3257, 0.5379



17.1766, 0.2294, 0.4675

Triad

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



17.1766, 0.3257, 0.5379



17.1766, 0.1442, 0.1847



17.1766, 0.4835, 0.2921

Complementary

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



17.1766, 0.3257, 0.5379



5.5780, 0.2684, 0.1498

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.



17.1766, 0.3774, 0.2311



17.1766, 0.3257, 0.5379



17.1766, 0.1860, 0.1720

Square

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



17.1766, 0.3257, 0.5379



17.1766, 0.1355, 0.2354



17.1766, 0.2655, 0.1888



17.1766, 0.5289, 0.3622

Rectangle

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



17.1766, 0.3257, 0.5379



17.1766, 0.1799, 0.3805



17.1766, 0.2655, 0.1888



17.1766, 0.4525, 0.2704

Sweetspot

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



17.1773, 0.3257, 0.5379



35.5649, 0.3203, 0.3871



13.9647, 0.4454, 0.4424



7.9783, 0.3210, 0.3934



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.



17.1773, 0.3257, 0.5379



29.3062, 0.3204, 0.5728



16.5744, 0.2918, 0.5198



4.8775, 0.3159, 0.3510



15.7386, 0.3165, 0.5869



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.5780, 0.2684, 0.1498



7.5608, 0.2549, 0.1241



7.1298, 0.3536, 0.1975



4.3486, 0.3092, 0.3074



3.6471, 0.2472, 0.1135



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.1766, 0.3257, 0.5379 looks on a white background.

Color Contrast Check

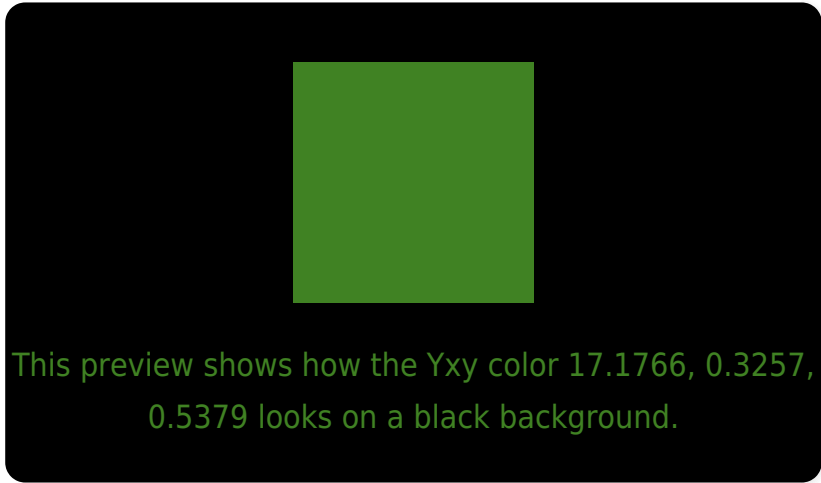
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.1766, 0.3257, 0.5379

Background



This preview shows how black text looks on a background with the Yxy color 17.1766, 0.3257, 0.5379.



This preview shows how white text looks on a background with the Yxy color 17.1766, 0.3257, 0.5379.

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

17.1766, 0.3257, 0.5379

Protanopia

17.0275, 0.4259, 0.4700

Deuteranopia

16.9513, 0.4438, 0.4365



Tritanopia

17.0628, 0.2586, 0.3080

Trichromacy



Original Color

17.1766, 0.3257, 0.5379

Protanomaly

16.5405, 0.3853, 0.4978

Deuteranomaly

16.4532, 0.3955, 0.4755

Tritanomaly

16.7557, 0.2866, 0.3930

Monochromacy



Original Color

17.1766, 0.3257, 0.5379

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.6521, 0.3221, 0.4102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1766, 0.3257, 0.5379 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, 130, 35)` looks like.

```
.text, #text, p{  
    color:rgb(64, 130, 35)  
}
```

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, 130, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 130, 35) }
```

Border

The CSS property to change the border of an element to Yxy 17.1766, 0.3257, 0.5379 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, 130, 35) }
```

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

```
.border{ border-color:rgb(64, 130, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 130, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 130, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 130, 35);  
box-shadow:4px 4px 4px 4px rgb(64, 130,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1766, 0.3257, 0.5379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 130, 35) }
```

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

```
.background{ background-color: rgb(64, 130,  
35) }
```

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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