

Converting Colors

$Y_{xy}(17.8526, 0.3220, 0.5660)$

Have a look what the booklet for
Yxy(17.8526, 0.3220, 0.5660)
contains.

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Color

Yxy(17.8815, 0.3219, 0.5663)

Conversions

Conversions Part 1

Format	Color
Hex	368613
RGB	54, 134, 19
RGB Percent	21%, 53%, 7%
CMY	0.7882, 0.4745, 0.9256
CMYK	0.60, 0.00, 0.86, 0.47
HSL	102°, 75%, 30%
HSV	102°, 86%, 53%
XYZ	10.1643, 17.8815, 3.5302
YIQ	96.9700, -10.7650, -52.7250

Conversions

Conversions Part 2

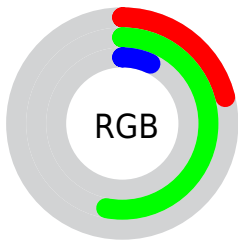
Format	Color
R_{YB}	19, 134, 99
Decimal	3573267
CIE _{Lab}	49.35, -44.36, 48.90
CIE _{LCh}	49, 66.025, 132.213
Yxy	17.8815, 0.3219, 0.5663
Android (android.graphics.Color)	4281763347 (0xFF368613)
YUV	96.9700, -38.4392, -37.6847
Hunter-Lab	42.2865, -31.0958, 24.6509

Details

The Yxy color **17.8815, 0.3219, 0.5663** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4.8361, 0.2581, 0.1290**, and the grayscale version is **12.0450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8539, 0.3281, 0.5067**, and **6.1865, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **17.6139, 0.3177, 0.5815**, and if you desaturate by 10%, it is **18.2247, 0.3250, 0.5452**.

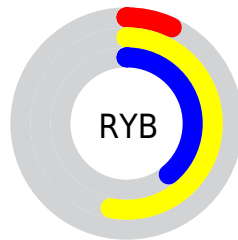
Distribution



Red (21%)

Green (53%)

Blue (7%)



Red (7%)

Yellow (53%)

Blue (39%)

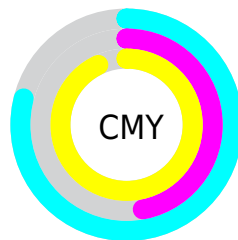


Cyan (60%)

Magenta (0%)

Yellow (86%)

Black (47%)



Cyan (79%)


Magenta (47%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8815, 0.3219, 0.5663 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 17.8815, 0.3219, 0.5663 by changing the saturation by 10% instead.


 17.8815, 0.3219,
0.5663


 17.8815, 0.3219,
0.5663


240.2023, 0.3267,
0.4222


 10.8649, 0.3129,
0.6101


 39.8353, 0.3280,
0.5075


 5.9761, 0.3010,
0.6854

 55.5413, 0.3288,
0.4873

 2.8305, 0.2529,
0.7471

 74.9127, 0.3289,
0.4710

 1.0439, 0.0000,
1.0000


 98.3336, 0.3286,
0.4577


 0.0000, 0.0000,
0.0000


 126.1887, 0.3282,
0.4465


 158.8622, 0.3278,

0.4372


 196.7386, 0.3272,
0.4291

 17.8815, 0.3219,
0.5663


 17.8815, 0.3219,
0.5663


 17.6139, 0.3177,
0.5815


 18.2247, 0.3250,
0.5452

 17.5185, 0.3162,
0.5872

 18.6490, 0.3266,
0.5191

 19.1606, 0.3269,
0.4895

 19.7647, 0.3260,
0.4583

 20.4659, 0.3240,
0.4271

■ 21.2685, 0.3213,
0.3970

■ 22.1766, 0.3182,
0.3688

■ 23.1939, 0.3148,
0.3429

■ 24.3240, 0.3113,
0.3196

Harmonies

Analogous

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



17.8815, 0.4293, 0.5261



17.8815, 0.3219, 0.5663



17.8815, 0.2175, 0.4883

Triad

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



17.8815, 0.3219, 0.5663



17.8815, 0.1294, 0.1701



17.8815, 0.5047, 0.2860

Complementary

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



17.8815, 0.3219, 0.5663



4.8361, 0.2581, 0.1290

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.



17.8815, 0.3845, 0.2210



17.8815, 0.3219, 0.5663



17.8815, 0.1735, 0.1579

Square

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



17.8815, 0.3219, 0.5663



17.8815, 0.1196, 0.2230



17.8815, 0.2593, 0.1759



17.8815, 0.5528, 0.3598

Rectangle

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



17.8815, 0.3219, 0.5663



17.8815, 0.1647, 0.3859



17.8815, 0.2593, 0.1759



17.8815, 0.4698, 0.2629

Sweetspot

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



17.8823, 0.3219, 0.5663



37.3630, 0.3215, 0.3991



13.7714, 0.4670, 0.4505



8.3216, 0.3224, 0.4077



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



17.8823, 0.3219, 0.5663



30.7930, 0.3148, 0.5882



17.3424, 0.2923, 0.5524



5.2685, 0.3159, 0.3511



16.4221, 0.3163, 0.5870



0.0604, 0.3481, 0.5618

Inverse Universe

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



4.8361, 0.2581, 0.1290



7.0667, 0.2455, 0.1126



6.7235, 0.3625, 0.1869



4.6935, 0.3092, 0.3073



3.8083, 0.2472, 0.1136



0.0170, 0.2830, 0.1333

Previews

White Background



This preview shows how the Yxy color 17.8815, 0.3219, 0.5663 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 17.8815, 0.3219, 0.5663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

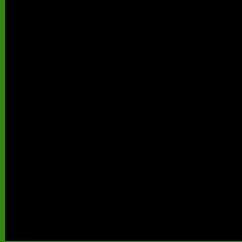
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8815, 0.3219, 0.5663

Background



This preview shows how black text looks on a background with the Yxy color 17.8815, 0.3219, 0.5663.



This preview shows how white text looks on a background with the Yxy color 17.8815, 0.3219, 0.5663.

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

17.8815, 0.3219, 0.5663

Protanopia

17.6598, 0.4360, 0.4825

Deuteranopia

17.5897, 0.4533, 0.4476



Tritanopia

17.9124, 0.2513, 0.3081

Trichromacy



Original Color

17.8815, 0.3219, 0.5663

Protanomaly

17.1464, 0.3887, 0.5172

Deuteranomaly

16.7882, 0.4002, 0.4934

Tritanomaly

17.4219, 0.2825, 0.4098

Monochromacy



Original Color

17.8815, 0.3219, 0.5663

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

13.3309, 0.3235, 0.4294

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8815, 0.3219, 0.5663 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(54, 134, 19)` looks like.

```
.text, #text, p{  
    color:rgb(54, 134, 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(54, 134, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 134, 19) }
```

Border

The CSS property to change the border of an element to Yxy 17.8815, 0.3219, 0.5663 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(54, 134, 19) }
```

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

```
.border{ border-color:rgb(54, 134, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 134, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 134, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 134, 19);  
box-shadow:4px 4px 4px 4px rgb(54, 134,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8815, 0.3219, 0.5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 134, 19) }
```

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

```
.background{ background-color: rgb(54, 134,  
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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