

Converting Colors

$Yxy(18.4187, 0.3178, 0.4543)$

Have a look what the booklet for
Yxy(18.4187, 0.3178, 0.4543)
contains.

Yxy(18.3311, 0.3184, 0.4544)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.3311, 0.3184, 0.4544)

Conversions

Conversions Part 1

Format	Color
Hex	548249
RGB	84, 130, 73
RGB Percent	33%, 51%, 29%
CMY	0.6704, 0.4902, 0.7137
CMYK	0.35, 0.00, 0.44, 0.49
HSL	108°, 28%, 40%
HSV	108°, 44%, 51%
XYZ	12.8447, 18.3311, 9.1655
YIQ	109.7480, -9.1190, -27.4790

Conversions

Conversions Part 2

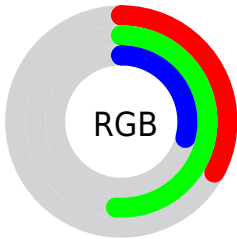
Format	Color
RYB	73, 130, 119
Decimal	5538377
CIELab	49.90, -27.45, 25.96
CIELCh	50, 37.779, 136.594
Yxy	18.3311, 0.3184, 0.4544
Android (android.graphics.Color)	4283728457 (0xFF548249)
YUV	109.7480, -18.1168, -22.5810
Hunter-Lab	42.8148, -21.3750, 17.2779

Details

The Yxy color **18.3311, 0.3184, 0.4544** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10.2962, 0.3002, 0.2206**, and the grayscale version is **15.5751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5064, 0.3197, 0.4232**, and **6.1738, 0.3142, 0.5160** is the 20% darker color. If you saturate the color by 10%, you get **17.7288, 0.3183, 0.4870**, and if you desaturate by 10%, it is **19.0434, 0.3178, 0.4222**.

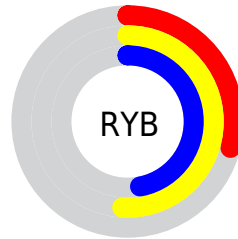
Distribution



Red (33%)

Green (51%)

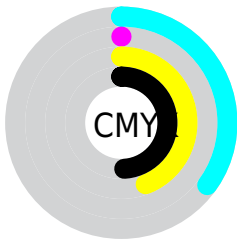
Blue (29%)



Red (29%)

Yellow (51%)

Blue (47%)

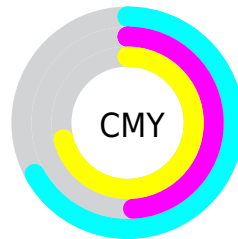


Cyan (35%)

Magenta (0%)

Yellow (44%)

Black (49%)



Cyan (67%)


Magenta (49%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3311, 0.3184, 0.4544 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 18.3311, 0.3184, 0.4544 by changing the saturation by 10% instead.


 18.3311, 0.3184,
0.4544


 18.3311, 0.3184,
0.4544


242.7307, 0.3175,
0.3786


 11.1880, 0.3170,
0.4794


 40.6007, 0.3190,
0.4228


 6.1934, 0.3134,
0.5161

 56.4960, 0.3188,
0.4123

 2.9630, 0.3066,
0.5794

 76.0774, 0.3187,
0.4038

 1.1125, 0.2502,
0.7498

 99.7294, 0.3184,
0.3969

 0.0000, 0.0000,
0.0000

 127.8363, 0.3182,
0.3912

160.7826, 0.3179,

0.3863

198.9526, 0.3177,
0.3822

■ 18.3311, 0.3184,
0.4544

■ 18.3311, 0.3184,
0.4544

■ 17.7288, 0.3183,
0.4870

■ 19.0434, 0.3178,
0.4222

■ 17.2286, 0.3174,
0.5183

■ 19.8685, 0.3166,
0.3917

■ 16.8255, 0.3156,
0.5464

■ 20.8119, 0.3151,
0.3635


■ 16.5128, 0.3129,
0.5692


■ 21.8780, 0.3134,
0.3380


■ 16.2827, 0.3096,
0.5855


■ 23.0710, 0.3116,
0.3153

 16.1728, 0.3079,
0.5937

 24.3951, 0.3097,
0.2953

 25.8540, 0.3078,
0.2776

 27.4514, 0.3061,
0.2622

 29.1910, 0.3043,
0.2487

Harmonies

Analogous

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



18.3311, 0.3863, 0.4565



18.3311, 0.3184, 0.4544



18.3311, 0.2526, 0.4027

Triad

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



18.3311, 0.3184, 0.4544



18.3311, 0.1971, 0.2278



18.3311, 0.4298, 0.3155

Complementary

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



18.3311, 0.3184, 0.4544



10.2962, 0.3002, 0.2206

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.



18.3311, 0.3671, 0.2681



18.3311, 0.3184, 0.4544



18.3311, 0.2331, 0.2193

Square

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



18.3311, 0.3184, 0.4544



18.3311, 0.1878, 0.2634



18.3311, 0.2934, 0.2341



18.3311, 0.4558, 0.3689

Rectangle

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



18.3311, 0.3184, 0.4544



18.3311, 0.2188, 0.3522



18.3311, 0.2934, 0.2341



18.3311, 0.4119, 0.2987

Sweetspot

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



18.3319, 0.3184, 0.4544



36.7514, 0.3150, 0.3621



18.3244, 0.3834, 0.4143



8.2429, 0.3154, 0.3672



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.



18.3319, 0.3184, 0.4544



31.1898, 0.3183, 0.4882



18.1204, 0.2910, 0.4192



4.8558, 0.3143, 0.3511



15.5111, 0.3080, 0.5936



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.2962, 0.3002, 0.2206



15.0260, 0.2959, 0.1962



10.7013, 0.3455, 0.2539



4.3717, 0.3109, 0.3075



4.4170, 0.2738, 0.1282



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.3311, 0.3184, 0.4544 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 18.3311, 0.3184, 0.4544 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 18.3311, 0.3184, 0.4544

Background



This preview shows how black text looks on a background with the Yxy color 18.3311, 0.3184, 0.4544.



This preview shows how white text looks on a background with the Yxy color 18.3311, 0.3184, 0.4544.

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

18.3311, 0.3184, 0.4544

Protanopia

18.1324, 0.3885, 0.4203

Deuteranopia

18.0969, 0.3996, 0.3931



Tritanopia

18.2923, 0.2709, 0.3090

Trichromacy



Original Color

18.3311, 0.3184, 0.4544

Protanomaly

17.8720, 0.3610, 0.4337

Deuteranomaly

17.7804, 0.3671, 0.4135

Tritanomaly

18.2936, 0.2886, 0.3606

Monochromacy



Original Color

18.3311, 0.3184, 0.4544

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

16.3523, 0.3158, 0.3719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3311, 0.3184, 0.4544 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(84, 130, 73)` looks like.

```
.text, #text, p{  
    color:rgb(84, 130, 73)  
}
```

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(84, 130, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 130, 73) }
```

Border

The CSS property to change the border of an element to Yxy 18.3311, 0.3184, 0.4544 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(84, 130, 73) }
```

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

```
.border{ border-color:rgb(84, 130, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 130, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 130, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 130, 73);  
box-shadow:4px 4px 4px 4px rgb(84, 130,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3311, 0.3184, 0.4544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 130, 73) }
```

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

```
.background{ background-color: rgb(84, 130,  
73) }
```

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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