

Converting Colors

$Y_{xy}(18.1341, 0.3251, 0.4322)$

Have a look what the booklet for
Yxy(18.1341, 0.3251, 0.4322)
contains.

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Color

Yxy(18.1229, 0.3248, 0.4324)

Conversions

Conversions Part 1

Format	Color
Hex	5E7F4F
RGB	94, 127, 79
RGB Percent	37%, 50%, 31%
CMY	0.6315, 0.5019, 0.6902
CMYK	0.26, 0.00, 0.38, 0.50
HSL	101°, 23%, 40%
HSV	101°, 38%, 50%
XYZ	13.6131, 18.1229, 10.1763
YIQ	111.6610, -4.2600, -21.9240

Conversions

Conversions Part 2

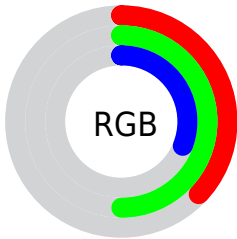
Format	Color
R_{YB}	79, 127, 112
Decimal	6192975
CIE _{Lab}	49.64, -21.35, 22.42
CIE _{LCh}	50, 30.957, 133.600
Yxy	18.1229, 0.3248, 0.4324
Android (android.graphics.Color)	4284383055 (0xFF5E7F4F)
YUV	111.6610, -16.1019, -15.4887
Hunter-Lab	42.5710, -17.4195, 15.6268

Details

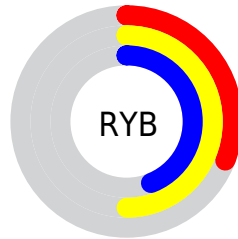
The Yxy color **18.1229, 0.3248, 0.4324** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10.5718, 0.2939, 0.2333**, and the grayscale version is **16.1454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2472, 0.3226, 0.4063**, and **6.1394, 0.3256, 0.4845** is the 20% darker color. If you saturate the color by 10%, you get **17.5200, 0.3267, 0.4635**, and if you desaturate by 10%, it is **18.8151, 0.3221, 0.4022**.

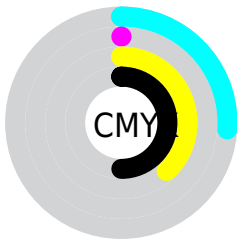
Distribution



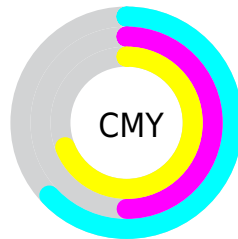
- Red (37%)
- Green (50%)
- Blue (31%)



- Red (31%)
- Yellow (50%)
- Blue (44%)



- Cyan (26%)
- Magenta (0%)
- Yellow (38%)
- Black (50%)





- Cyan (63%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1229, 0.3248, 0.4324 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 18.1229, 0.3248, 0.4324 by changing the saturation by 10% instead.


 18.1229, 0.3248,
0.4324


 18.1229, 0.3248,
0.4324


241.5629, 0.3194,
0.3703


 11.0383, 0.3254,
0.4528


 40.2466, 0.3232,
0.4066


 6.0926, 0.3251,
0.4827

 56.0545, 0.3225,
0.3980

 2.9015, 0.3223,
0.5311

 75.5389, 0.3218,
0.3911

 1.0805, 0.3136,
0.6864

 99.0843, 0.3212,
0.3854

 0.0000, 0.0000,
0.0000

 127.0749, 0.3207,
0.3807

159.8953, 0.3202,

0.3767

197.9298, 0.3198,
0.3732

■ 18.1229, 0.3248,
0.4324

■ 18.1229, 0.3248,
0.4324

■ 17.5200, 0.3267,
0.4635

■ 18.8151, 0.3221,
0.4022

■ 17.0002, 0.3275,
0.4943

■ 19.5978, 0.3190,
0.3738

■ 16.5603, 0.3271,
0.5232

■ 20.4750, 0.3155,
0.3477


■ 16.1959, 0.3253,
0.5484

■ 21.4499, 0.3119,
0.3240

■ 15.9020, 0.3220,
0.5684

■ 22.5255, 0.3083,
0.3028

 15.6696, 0.3179,
0.5833

 23.7046, 0.3049,
0.2839

 15.6246, 0.3171,
0.5864

 24.9900, 0.3015,
0.2672

 26.3843, 0.2983,
0.2524

 27.8901, 0.2953,
0.2394

Harmonies

Analogous

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



18.1229, 0.3805, 0.4329



18.1229, 0.3248, 0.4324



18.1229, 0.2686, 0.3942

Triad

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



18.1229, 0.3248, 0.4324



18.1229, 0.2133, 0.2466



18.1229, 0.4049, 0.3146

Complementary

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



18.1229, 0.3248, 0.4324



10.5718, 0.2939, 0.2333

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.



18.1229, 0.3519, 0.2745



18.1229, 0.3248, 0.4324



18.1229, 0.2422, 0.2362

Square

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



18.1229, 0.3248, 0.4324



18.1229, 0.2078, 0.2801



18.1229, 0.2916, 0.2466



18.1229, 0.4303, 0.3602

Rectangle

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



18.1229, 0.3248, 0.4324



18.1229, 0.2384, 0.3549



18.1229, 0.2916, 0.2466



18.1229, 0.3894, 0.3002

Sweetspot

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



18.1237, 0.3248, 0.4324



36.0961, 0.3167, 0.3565



16.6231, 0.3766, 0.3927



8.4098, 0.3171, 0.3593



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.



18.1237, 0.3248, 0.4324



31.5443, 0.3264, 0.4581



17.5451, 0.2991, 0.4175



4.8787, 0.3160, 0.3510



15.7539, 0.3171, 0.5864



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.5718, 0.2939, 0.2333



16.0500, 0.2883, 0.2117



11.4171, 0.3305, 0.2544



4.3473, 0.3092, 0.3074



3.6090, 0.2458, 0.1128



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.1229, 0.3248, 0.4324 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 18.1229, 0.3248, 0.4324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

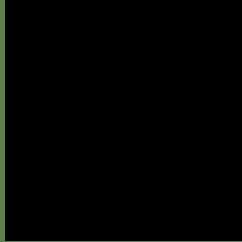
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1229, 0.3248, 0.4324

Background



This preview shows how black text looks on a background with the Yxy color 18.1229, 0.3248, 0.4324.



This preview shows how white text looks on a background with the Yxy color 18.1229, 0.3248, 0.4324.

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

18.1229, 0.3248, 0.4324

Protanopia

18.0541, 0.3787, 0.4106

Deuteranopia

17.9949, 0.3904, 0.3851



Tritanopia

18.1112, 0.2808, 0.3111

Trichromacy



Original Color

18.1229, 0.3248, 0.4324

Protanomaly

17.9096, 0.3590, 0.4190

Deuteranomaly

17.7619, 0.3645, 0.4013

Tritanomaly

17.9663, 0.2973, 0.3538

Monochromacy



Original Color

18.1229, 0.3248, 0.4324

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.6459, 0.3174, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1229, 0.3248, 0.4324 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(94, 127, 79)` looks like.

```
.text, #text, p{  
    color:rgb(94, 127, 79)  
}
```

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(94, 127, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 127, 79) }
```

Border

The CSS property to change the border of an element to Yxy 18.1229, 0.3248, 0.4324 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(94, 127, 79) }
```

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

```
.border{ border-color:rgb(94, 127, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 127, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 127, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 127, 79);  
box-shadow:4px 4px 4px 4px rgb(94, 127,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1229, 0.3248, 0.4324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 127, 79) }
```

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

```
.background{ background-color: rgb(94, 127,  
79) }
```

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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