

Converting Colors

$Yxy(18.1864, 0.3453, 0.3907)$

Have a look what the booklet for
Yxy(18.1864, 0.3453, 0.3907)
contains.

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Color

Yxy(18.2645, 0.3454, 0.3906)

Conversions

Conversions Part 1

Format	Color
Hex	76795A
RGB	118, 121, 90
RGB Percent	46%, 47%, 35%
CMY	0.5374, 0.5254, 0.6471
CMYK	0.03, 0.00, 0.26, 0.53
HSL	66°, 15%, 41%
HSV	66°, 26%, 47%
XYZ	16.1509, 18.2645, 12.3447
YIQ	116.5690, 8.1630, -10.2770

Conversions

Conversions Part 2

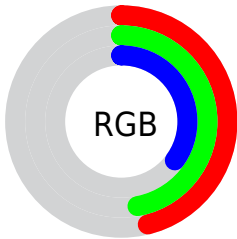
Format	Color
RYB	90, 121, 93
Decimal	7764314
CIELab	49.82, -6.74, 16.68
CIELCh	50, 17.988, 112.020
Yxy	18.2645, 0.3454, 0.3906
Android (android.graphics.Color)	4285954394 (0xFF76795A)
YUV	116.5690, -13.0985, 1.2550
Hunter-Lab	42.7370, -7.3319, 12.7898

Details

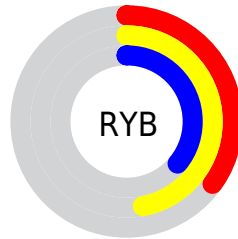
The Yxy color **18.2645, 0.3454, 0.3906** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.0202, 0.2751, 0.2608**, and the grayscale version is **17.6873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3266, 0.3380, 0.3760**, and **6.2121, 0.3574, 0.4196** is the 20% darker color. If you saturate the color by 10%, you get **17.9933, 0.3579, 0.4150**, and if you desaturate by 10%, it is **18.5719, 0.3325, 0.3661**.

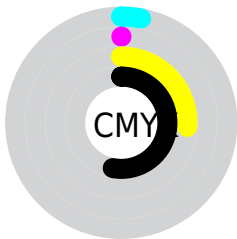
Distribution



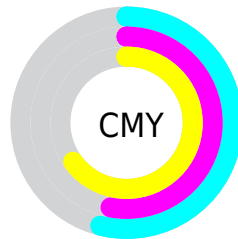
- Red (46%)
- Green (47%)
- Blue (35%)



- Red (35%)
- Yellow (47%)
- Blue (36%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (53%)




- Cyan (54%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.2645, 0.3454, 0.3906 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 18.2645, 0.3454, 0.3906 by changing the saturation by 10% instead.


 18.2645, 0.3454,
0.3906


 18.2645, 0.3454,
0.3906

242.3577, 0.3269,
0.3545


 11.1401, 0.3508,
0.4019


 40.4875, 0.3381,
0.3759


 6.1611, 0.3582,
0.4182

 56.3549, 0.3356,
0.3709

 2.9433, 0.3687,
0.4435

 75.9053, 0.3335,
0.3669

 1.1022, 0.4369,
0.5545

 99.5232, 0.3317,
0.3636

 0.0000, 0.0000,
0.0000

 127.5930, 0.3303,
0.3608

160.4991, 0.3290,

0.3584

198.6259, 0.3279,
0.3563

■ 18.2645, 0.3454,
0.3906

■ 18.2645, 0.3454,
0.3906

■ 17.9933, 0.3579,
0.4150

■ 18.5719, 0.3325,
0.3661

■ 17.7543, 0.3697,
0.4386

■ 18.9146, 0.3198,
0.3421

■ 17.5464, 0.3802,
0.4604

■ 19.2949, 0.3074,
0.3191

■ 17.3679, 0.3890,
0.4795

■ 19.7140, 0.2955,
0.2975

■ 17.2165, 0.3957,
0.4952

■ 20.1733, 0.2844,
0.2774

■ 17.0897, 0.4000,
0.5070

■ 20.6740, 0.2740,
0.2589

■ 16.9834, 0.4021,
0.5151

■ 21.2172, 0.2645,
0.2420

■ 16.9388, 0.4028,
0.5183

■ 21.8041, 0.2557,
0.2266

■ 22.4357, 0.2477,
0.2127

Harmonies

Analogous

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



18.2645, 0.3713, 0.3805



18.2645, 0.3454, 0.3906



18.2645, 0.3116, 0.3824

Triad

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



18.2645, 0.3454, 0.3906



18.2645, 0.2486, 0.2947



18.2645, 0.3454, 0.3027

Complementary

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



18.2645, 0.3454, 0.3906



11.0202, 0.2751, 0.2608

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.



18.2645, 0.3108, 0.2825



18.2645, 0.3454, 0.3906



18.2645, 0.2563, 0.2769

Square

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



18.2645, 0.3454, 0.3906



18.2645, 0.2567, 0.3239



18.2645, 0.2784, 0.2730



18.2645, 0.3718, 0.3296

Rectangle

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



18.2645, 0.3454, 0.3906



18.2645, 0.2894, 0.3669



18.2645, 0.2784, 0.2730



18.2645, 0.3343, 0.2950

Sweetspot

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



18.2653, 0.3454, 0.3906



33.7003, 0.3230, 0.3482



12.5583, 0.3625, 0.3345



7.6873, 0.3247, 0.3512



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



18.2653, 0.3454, 0.3906



32.3953, 0.3532, 0.4057



17.2943, 0.3256, 0.3947



4.6150, 0.3241, 0.3503



18.1460, 0.4028, 0.5184



86.3518, 0.4019, 0.5191

Inverse Universe

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



11.0202, 0.2751, 0.2608



16.9984, 0.2644, 0.2419



11.8851, 0.2964, 0.2649



3.9106, 0.3007, 0.3070



1.5593, 0.1548, 0.0626



7.2601, 0.1526, 0.0614

Previews

White Background



This preview shows how the Yxy color 18.2645, 0.3454, 0.3906 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 18.2645, 0.3454, 0.3906 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

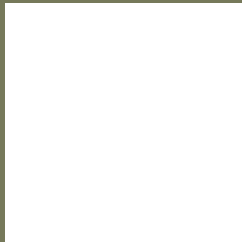
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 18.2645, 0.3454, 0.3906

Background



This preview shows how black text looks on a background with the Yxy color 18.2645, 0.3454, 0.3906.



This preview shows how white text looks on a background with the Yxy color 18.2645, 0.3454, 0.3906.

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

18.2645, 0.3454, 0.3906

Protanopia

18.1902, 0.3602, 0.3847

Deuteranopia

18.2963, 0.3752, 0.3691



Tritanopia

18.1824, 0.3110, 0.3121

Trichromacy



Original Color

18.2645, 0.3454, 0.3906

Protanomaly

18.2000, 0.3556, 0.3873

Deuteranomaly

18.3032, 0.3637, 0.3780

Tritanomaly

18.1917, 0.3237, 0.3406

Monochromacy



Original Color

18.2645, 0.3454, 0.3906

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.8003, 0.3245, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2645, 0.3454, 0.3906 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(118, 121, 90)` looks like.

```
.text, #text, p{  
    color:rgb(118, 121, 90)  
}
```

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(118, 121, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 121, 90) }
```

Border

The CSS property to change the border of an element to Yxy 18.2645, 0.3454, 0.3906 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(118, 121, 90) }
```

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

```
.border{ border-color:rgb(118, 121, 90) }
```

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

Here you see how a box with a 4 pixel rgb(118, 121, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 121, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 121, 90);  
box-shadow:4px 4px 4px 4px rgb(118, 121,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2645, 0.3454, 0.3906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 121, 90) }
```

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

```
.background{ background-color: rgb(118,  
121, 90) }
```

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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