

Converting Colors

$Yxy(18.2036, 0.3608, 0.4483)$

Have a look what the booklet for
Yxy(18.2036, 0.3608, 0.4483)
contains.

Yxy(18.1120, 0.3609, 0.4480)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.1120, 0.3609, 0.4480)

Conversions

Conversions Part 1

Format	Color
Hex	6E7C41
RGB	110, 124, 65
RGB Percent	43%, 49%, 25%
CMY	0.5687, 0.5137, 0.7451
CMYK	0.11, 0.00, 0.48, 0.51
HSL	74°, 31%, 37%
HSV	74°, 48%, 49%
XYZ	14.5907, 18.1120, 7.7259
YIQ	113.0880, 10.5950, -21.3170

Conversions

Conversions Part 2

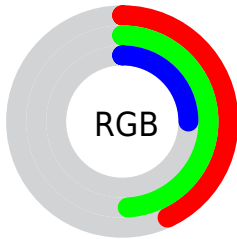
Format	Color
RYB	65, 124, 79
Decimal	7240769
CIELab	49.63, -15.17, 30.36
CIElCh	50, 33.940, 116.557
Yxy	18.1120, 0.3609, 0.4480
Android (android.graphics.Color)	4285430849 (0xFF6E7C41)
YUV	113.0880, -23.7074, -2.7082
Hunter-Lab	42.5582, -13.2798, 19.0274

Details

The Yxy color **18.1120, 0.3609, 0.4480** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.8973, 0.2459, 0.1938**, and the grayscale version is **16.6098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4457, 0.3518, 0.4202**, and **6.0713, 0.3743, 0.4986** is the 20% darker color. If you saturate the color by 10%, you get **17.7987, 0.3687, 0.4717**, and if you desaturate by 10%, it is **18.4647, 0.3518, 0.4228**.

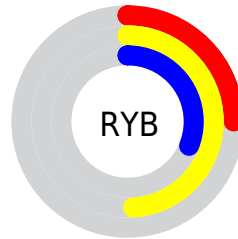
Distribution



Red (43%)

Green (49%)

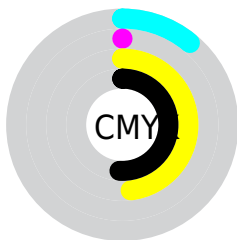
Blue (25%)



Red (25%)

Yellow (49%)

Blue (31%)

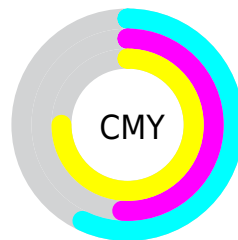


Cyan (11%)

Magenta (0%)

Yellow (48%)

Black (51%)



Cyan (57%)


Magenta (51%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1120, 0.3609, 0.4480 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 18.1120, 0.3609, 0.4480 by changing the saturation by 10% instead.


 18.1120, 0.3609,
0.4480


 18.1120, 0.3609,
0.4480


241.5016, 0.3353,
0.3778


 11.0304, 0.3670,
0.4697


 40.2281, 0.3515,
0.4195


 6.0873, 0.3737,
0.5002

 56.0314, 0.3480,
0.4097

 2.8982, 0.3909,
0.5619

 75.5107, 0.3450,
0.4018

 1.0788, 0.3735,
0.6265

 99.0504, 0.3425,
0.3953

 0.0000, 0.0000,
0.0000

 127.0350, 0.3403,
0.3899

 159.8488, 0.3384,

0.3852

197.8762, 0.3367,
0.3813

■ 18.1120, 0.3609,
0.4480

■ 18.1120, 0.3609,
0.4480

■ 17.7987, 0.3687,
0.4717

■ 18.4647, 0.3518,
0.4228

■ 17.5204, 0.3746,
0.4930

■ 18.8564, 0.3417,
0.3970

■ 17.2753, 0.3785,
0.5108

■ 19.2898, 0.3312,
0.3715

■ 17.0607, 0.3799,
0.5245

■ 19.7664, 0.3206,
0.3469

■ 16.8704, 0.3794,
0.5347

■ 20.2879, 0.3102,
0.3235

■ 16.8259, 0.3792,
0.5371

■ 20.8558, 0.3002,
0.3018

■ 21.4714, 0.2907,
0.2817

■ 22.1363, 0.2818,
0.2633

■ 22.8515, 0.2735,
0.2466

Harmonies

Analogous

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



18.1120, 0.4140, 0.4263



18.1120, 0.3609, 0.4480



18.1120, 0.2978, 0.4299

Triad

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



18.1120, 0.3609, 0.4480



18.1120, 0.1984, 0.2563



18.1120, 0.3831, 0.2871

Complementary

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



18.1120, 0.3609, 0.4480



6.8973, 0.2459, 0.1938

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.



18.1120, 0.3173, 0.2507



18.1120, 0.3609, 0.4480



18.1120, 0.2154, 0.2315

Square

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



18.1120, 0.3609, 0.4480



18.1120, 0.2071, 0.3063



18.1120, 0.2566, 0.2308



18.1120, 0.4305, 0.3336

Rectangle

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



18.1120, 0.3609, 0.4480



18.1120, 0.2588, 0.3950



18.1120, 0.2566, 0.2308



18.1120, 0.3620, 0.2735

Sweetspot

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



18.1128, 0.3609, 0.4480



34.2061, 0.3278, 0.3633



10.2244, 0.4211, 0.3574



8.0211, 0.3297, 0.3679



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



18.1128, 0.3609, 0.4480



31.2783, 0.3692, 0.4735



16.5359, 0.3235, 0.4638



4.5883, 0.3222, 0.3504



17.1018, 0.3792, 0.5371



81.1727, 0.3771, 0.5388

Inverse Universe

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



6.8973, 0.2459, 0.1938



9.0426, 0.2271, 0.1600



8.4397, 0.2917, 0.2096



3.9353, 0.3027, 0.3072



1.7507, 0.1658, 0.0687



8.0166, 0.1618, 0.0665

Previews

White Background



This preview shows how the Yxy color 18.1120, 0.3609, 0.4480 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 18.1120, 0.3609, 0.4480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

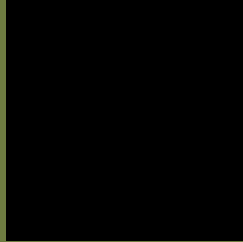
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1120, 0.3609, 0.4480

Background



This preview shows how black text looks on a background with the Yxy color 18.1120, 0.3609, 0.4480.



This preview shows how white text looks on a background with the Yxy color 18.1120, 0.3609, 0.4480.

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

18.1120, 0.3609, 0.4480

Protanopia

18.0616, 0.3952, 0.4305

Deuteranopia

17.8453, 0.4132, 0.4059



Tritanopia

18.0108, 0.3023, 0.3118

Trichromacy



Original Color

18.1120, 0.3609, 0.4480

Protanomaly

18.0141, 0.3826, 0.4360

Deuteranomaly

17.7213, 0.3939, 0.4200

Tritanomaly

18.0098, 0.3238, 0.3610

Monochromacy



Original Color

18.1120, 0.3609, 0.4480

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

17.0119, 0.3315, 0.3721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1120, 0.3609, 0.4480 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(110, 124, 65)` looks like.

```
.text, #text, p{  
    color:rgb(110, 124, 65)  
}
```

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(110, 124, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 124, 65) }
```

Border

The CSS property to change the border of an element to Yxy 18.1120, 0.3609, 0.4480 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(110, 124, 65) }
```

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

```
.border{ border-color:rgb(110, 124, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 124, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 124, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 124, 65);  
box-shadow:4px 4px 4px 4px rgb(110, 124,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1120, 0.3609, 0.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 124, 65) }
```

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

```
.background{ background-color: rgb(110,  
124, 65) }
```

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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