

Converting Colors

$Y_{xy}(17.9748, 0.4299, 0.3475)$

Have a look what the booklet for
Yxy(17.9748, 0.4299, 0.3475)
contains.

Yxy(18.0344, 0.4294, 0.3480)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.0344, 0.4294, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	A76458
RGB	167, 100, 88
RGB Percent	65%, 39%, 35%
CMY	0.3451, 0.6078, 0.6550
CMYK	0.00, 0.40, 0.47, 0.35
HSL	9°, 31%, 50%
HSV	9°, 47%, 65%
XYZ	22.2528, 18.0344, 11.5358
YIQ	118.6650, 43.7840, 10.4720

Conversions

Conversions Part 2

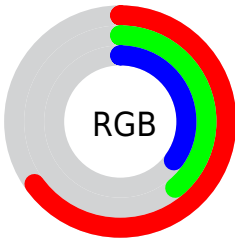
Format	Color
RYB	167, 102, 88
Decimal	10970200
CIELab	49.54, 25.68, 18.36
CIELCh	50, 31.565, 35.567
Yxy	18.0344, 0.4294, 0.3480
Android (android.graphics.Color)	4289160280 (0xFFA76458)
YUV	118.6650, -15.1178, 42.3898
Hunter-Lab	42.4669, 19.2174, 13.6212

Details

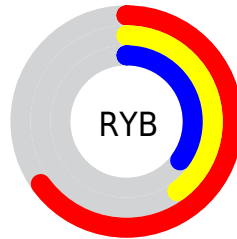
The Yxy color **18.0344, 0.4294, 0.3480** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.2918, 0.2473, 0.3081**, and the grayscale version is **18.3750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1387, 0.4012, 0.3459**, and **6.0679, 0.4809, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **15.3056, 0.4679, 0.3511**, and if you desaturate by 10%, it is **21.3003, 0.3959, 0.3441**.

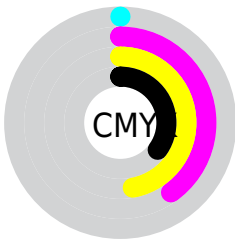
Distribution



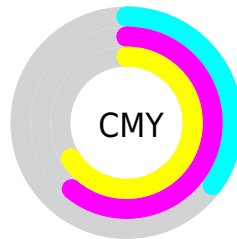
- Red (65%)
- Green (39%)
- Blue (35%)



- Red (65%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (47%)
- Black (35%)




- Cyan (35%)
- Magenta (61%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0344, 0.4294, 0.3480 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 18.0344, 0.4294, 0.3480 by changing the saturation by 10% instead.


 18.0344, 0.4294,
0.3480


 18.0344, 0.4294,
0.3480


241.0649, 0.3614,
0.3397


 10.9747, 0.4503,
0.3490


 40.0959, 0.4019,
0.3456


 6.0498, 0.4799,
0.3492

 55.8665, 0.3925,
0.3444

 2.8754, 0.5241,
0.3464

 75.3096, 0.3848,
0.3434

 1.0670, 0.6406,
0.3594

 98.8094, 0.3785,
0.3425

 0.0000, 1.0000,
0.0000

 126.7505, 0.3732,
0.3417

 0.0000, 0.0000,
0.0000

159.5171, 0.3687,

0.3409

197.4938, 0.3648,
0.3403

■ 18.0344, 0.4294,
0.3480

■ 18.0344, 0.4294,
0.3480

■ 15.3056, 0.4679,
0.3511

■ 21.3003, 0.3959,
0.3441

■ 13.0823, 0.5100,
0.3528

■ 25.1271, 0.3675,
0.3399

■ 11.3340, 0.5523,
0.3522


■ 29.5406, 0.3440,
0.3357


■ 10.0254, 0.5899,
0.3489


■ 34.5642, 0.3247,
0.3317


■ 9.1145, 0.6180,
0.3434

■ 40.2198, 0.3087,
0.3280

 8.9284, 0.6246,
0.3423

 46.5285, 0.2956,
0.3246

 53.5102, 0.2848,
0.3216

 61.1841, 0.2757,
0.3188

 69.5686, 0.2682,
0.3163

Harmonies

Analogous

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



18.0344, 0.3944, 0.3024



18.0344, 0.4294, 0.3480



18.0344, 0.4285, 0.3937

Triad

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



18.0344, 0.4294, 0.3480



18.0344, 0.2821, 0.4095



18.0344, 0.2307, 0.2350

Complementary

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



18.0344, 0.4294, 0.3480



28.2918, 0.2473, 0.3081

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.



18.0344, 0.2075, 0.2517



18.0344, 0.4294, 0.3480



18.0344, 0.2344, 0.3512

Square

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



18.0344, 0.4294, 0.3480



18.0344, 0.3408, 0.4387



18.0344, 0.2085, 0.2920



18.0344, 0.2759, 0.2404

Rectangle

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



18.0344, 0.4294, 0.3480



18.0344, 0.4091, 0.4194



18.0344, 0.2085, 0.2920



18.0344, 0.2204, 0.2380

Sweetspot

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



18.0353, 0.4294, 0.3480



55.5490, 0.3377, 0.3345



17.5616, 0.3334, 0.2310



12.0266, 0.3420, 0.3353



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



18.0353, 0.4294, 0.3480



27.0997, 0.4709, 0.3513



27.4815, 0.3992, 0.4067



7.7199, 0.3282, 0.3325



6.8807, 0.6233, 0.3433



0.2204, 0.5737, 0.3827

Inverse Universe

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



28.2918, 0.2473, 0.3081



47.6925, 0.2360, 0.3026



17.2696, 0.2342, 0.2351



8.3345, 0.2987, 0.3255



16.8974, 0.2113, 0.2808



0.4620, 0.2162, 0.2982

Previews

White Background



This preview shows how the Yxy color 18.0344, 0.4294, 0.3480 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 18.0344, 0.4294, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

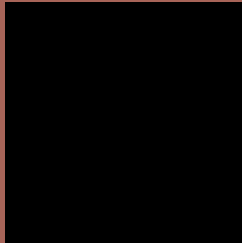
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0344, 0.4294, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 18.0344, 0.4294, 0.3480.



This preview shows how white text looks on a background with the Yxy color 18.0344, 0.4294, 0.3480.

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

18.0344, 0.4294, 0.3480

Protanopia

18.1614, 0.3487, 0.3715

Deuteranopia

18.0576, 0.3851, 0.3780



Tritanopia

18.0801, 0.4062, 0.3184

Trichromacy



Original Color

18.0344, 0.4294, 0.3480

Protanomaly

17.7346, 0.3769, 0.3618

Deuteranomaly

17.8973, 0.4013, 0.3653

Tritanomaly

18.1494, 0.4148, 0.3293

Monochromacy



Original Color

18.0344, 0.4294, 0.3480

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9053, 0.3505, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0344, 0.4294, 0.3480 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(167, 100, 88)` looks like.

```
.text, #text, p{  
    color:rgb(167, 100, 88)  
}
```

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(167, 100, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 100, 88) }
```

Border

The CSS property to change the border of an element to Yxy 18.0344, 0.4294, 0.3480 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(167, 100, 88) }
```

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

```
.border{ border-color:rgb(167, 100, 88) }
```

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

Here you see how a box with a 4 pixel rgb(167, 100, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 100, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 100, 88);  
box-shadow:4px 4px 4px 4px rgb(167, 100,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0344, 0.4294, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 100, 88) }
```

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

```
.background{ background-color: rgb(167,  
100, 88) }
```

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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