

Converting Colors

$Y_{xy}(17.5987, 0.4627, 0.3529)$

Have a look what the booklet for
Yxy(17.5987, 0.4627, 0.3529)
contains.

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Color

Yxy(17.4785, 0.4624, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	AF5D4D
RGB	175, 93, 77
RGB Percent	69%, 36%, 30%
CMY	0.3137, 0.6353, 0.6980
CMYK	0.00, 0.47, 0.56, 0.31
HSL	10°, 39%, 49%
HSV	10°, 56%, 69%
XYZ	22.9343, 17.4785, 9.1856
YIQ	115.6940, 54.0080, 12.4080

Conversions

Conversions Part 2

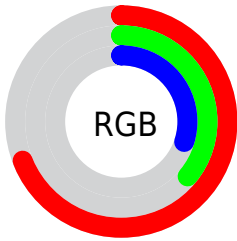
Format	Color
RYB	175, 96, 77
Decimal	11492685
CIELab	48.86, 31.72, 24.11
CIElCh	49, 39.844, 37.232
Yxy	17.4785, 0.4624, 0.3524
Android (android.graphics.Color)	4289682765 (0xFFAF5D4D)
YUV	115.6940, -19.0761, 52.0114
Hunter-Lab	41.8073, 24.7574, 16.2383

Details

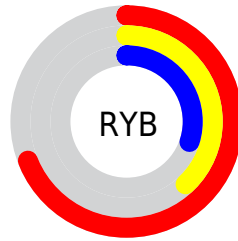
The Yxy color **17.4785, 0.4624, 0.3524** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.4712, 0.2375, 0.3017**, and the grayscale version is **17.4140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2496, 0.4275, 0.3509**, and **5.7572, 0.5260, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **14.9354, 0.5039, 0.3544**, and if you desaturate by 10%, it is **20.5821, 0.4246, 0.3489**.

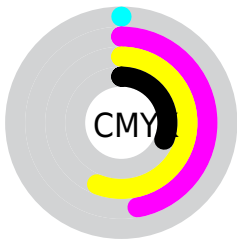
Distribution



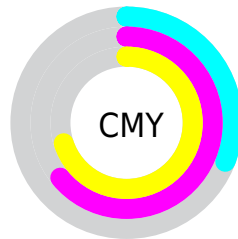
- Red (69%)
- Green (36%)
- Blue (30%)



- Red (69%)
- Yellow (38%)
- Blue (30%)



- Cyan (0%)
- Magenta (47%)
- Yellow (56%)
- Black (31%)




- Cyan (31%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4785, 0.4624, 0.3524 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 17.4785, 0.4624, 0.3524 by changing the saturation by 10% instead.


 17.4785, 0.4624,
0.3524


 17.4785, 0.4624,
0.3524


237.9149, 0.3751,
0.3434


 10.5762, 0.4888,
0.3525


 39.1467, 0.4274,
0.3504


 5.7827, 0.5253,
0.3503

 54.6814, 0.4152,
0.3491


 2.7134, 0.5812,
0.3442

 73.8623, 0.4054,
0.3480

 0.9840, 0.6742,
0.3258

 97.0740, 0.3972,
0.3469

 0.0000, 1.0000,
0.0000

 124.7006, 0.3904,
0.3459

 0.0000, 0.0000,
0.0000

157.1268, 0.3846,

0.3450

194.7367, 0.3795,
0.3441

■ 17.4785, 0.4624,
0.3524

■ 17.4785, 0.4624,
0.3524

■ 14.9354, 0.5039,
0.3544

■ 20.5821, 0.4246,
0.3489

■ 12.9166, 0.5461,
0.3542

■ 24.2744, 0.3919,
0.3446

■ 11.3854, 0.5844,
0.3511

■ 28.5847, 0.3642,
0.3401

■ 10.2988, 0.6137,
0.3453

■ 33.5399, 0.3413,
0.3356

■ 9.9728, 0.6233,
0.3433

■ 39.1649, 0.3224,
0.3314

■ 45.4835, 0.3069,
0.3275

■ 52.5183, 0.2940,
0.3239

■ 60.2908, 0.2834,
0.3206

■ 68.8218, 0.2745,
0.3176

Harmonies

Analogous

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



17.4785, 0.4204, 0.2974



17.4785, 0.4624, 0.3524



17.4785, 0.4565, 0.4088

Triad

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



17.4785, 0.4624, 0.3524



17.4785, 0.2684, 0.4309



17.4785, 0.2132, 0.2127

Complementary

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



17.4785, 0.4624, 0.3524



29.4712, 0.2375, 0.3017

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.



17.4785, 0.1841, 0.2296



17.4785, 0.4624, 0.3524



17.4785, 0.2116, 0.3517

Square

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



17.4785, 0.4624, 0.3524



17.4785, 0.3412, 0.4705



17.4785, 0.1830, 0.2764



17.4785, 0.2694, 0.2212

Rectangle

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



17.4785, 0.4624, 0.3524



17.4785, 0.4291, 0.4422



17.4785, 0.1830, 0.2764



17.4785, 0.2004, 0.2153

Sweetspot

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



17.4794, 0.4624, 0.3524



58.8510, 0.3440, 0.3362



16.9711, 0.3383, 0.2150



12.6805, 0.3483, 0.3371



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



17.4794, 0.4624, 0.3524



25.8900, 0.5131, 0.3546



28.6133, 0.4182, 0.4198



8.2188, 0.3282, 0.3328



7.2036, 0.6217, 0.3445



0.2629, 0.5729, 0.3833

Inverse Universe

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



29.4712, 0.2375, 0.3017



49.3339, 0.2264, 0.2947



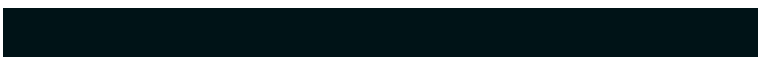
16.1080, 0.2190, 0.2136



8.8461, 0.2986, 0.3252



17.1090, 0.2103, 0.2770



0.5343, 0.2151, 0.2943

Previews

White Background



This preview shows how the Yxy color 17.4785, 0.4624, 0.3524 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 17.4785, 0.4624, 0.3524 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 17.4785, 0.4624, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 17.4785, 0.4624, 0.3524.



This preview shows how white text looks on a background with the Yxy color 17.4785, 0.4624, 0.3524.

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

17.4785, 0.4624, 0.3524

Protanopia

17.5389, 0.3610, 0.3855

Deuteranopia

17.5260, 0.4037, 0.3952



Tritanopia

17.4055, 0.4349, 0.3191

Trichromacy



Original Color

17.4785, 0.4624, 0.3524

Protanomaly

17.1893, 0.3969, 0.3738

Deuteranomaly

17.1809, 0.4255, 0.3777

Tritanomaly

17.4505, 0.4454, 0.3308

Monochromacy



Original Color

17.4785, 0.4624, 0.3524

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.0028, 0.3617, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4785, 0.4624, 0.3524 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(175, 93, 77)` looks like.

```
.text, #text, p{  
  color:rgb(175, 93, 77)  
}
```

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(175, 93, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 93, 77) }
```

Border

The CSS property to change the border of an element to Yxy 17.4785, 0.4624, 0.3524 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(175, 93, 77) }
```

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

```
.border{ border-color:rgb(175, 93, 77) }
```

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

Here you see how a box with a 4 pixel rgb(175, 93, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 93, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 93, 77);  
box-shadow:4px 4px 4px 4px rgb(175, 93,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4785, 0.4624, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 93, 77) }
```

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

```
.background{ background-color: rgb(175, 93,  
77) }
```

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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