

Converting Colors

$Yxy(17.3497, 0.4787, 0.3362)$

Have a look what the booklet for
Yxy(17.3497, 0.4787, 0.3362)
contains.

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Color

Yxy(17.3905, 0.4775, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	B95550
RGB	185, 85, 80
RGB Percent	73%, 33%, 31%
CMY	0.2745, 0.6667, 0.6863
CMYK	0.00, 0.54, 0.57, 0.27
HSL	3°, 43%, 52%
HSV	3°, 57%, 73%
XYZ	24.7068, 17.3905, 9.6447
YIQ	114.3300, 61.2050, 19.6450

Conversions

Conversions Part 2

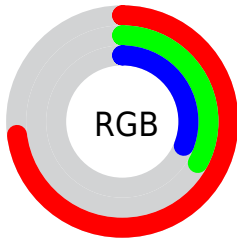
Format	Color
RYB	185, 85, 80
Decimal	12146000
CIELab	48.75, 40.01, 22.48
CIElCh	49, 45.897, 29.329
Yxy	17.3905, 0.4775, 0.3361
Android (android.graphics.Color)	4290336080 (0xFFB95550)
YUV	114.3300, -16.9247, 61.9776
Hunter-Lab	41.7019, 32.7762, 15.4789

Details

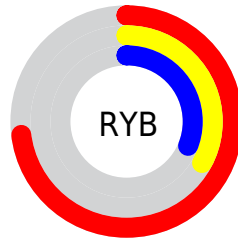
The Yxy color **17.3905, 0.4775, 0.3361** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.8617, 0.2407, 0.3209**, and the grayscale version is **16.9697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8888, 0.4394, 0.3380**, and **5.7211, 0.5483, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **14.7171, 0.5235, 0.3365**, and if you desaturate by 10%, it is **20.8319, 0.4352, 0.3351**.

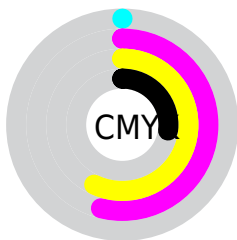
Distribution



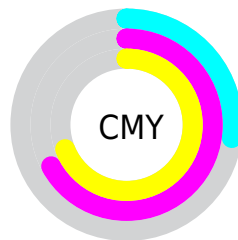
- Red (73%)
- Green (33%)
- Blue (31%)



- Red (73%)
- Yellow (33%)
- Blue (31%)



- Cyan (0%)
- Magenta (54%)
- Yellow (57%)
- Black (27%)




- Cyan (27%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3905, 0.4775, 0.3361 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 17.3905, 0.4775, 0.3361 by changing the saturation by 10% instead.


 17.3905, 0.4775,
0.3361


 17.3905, 0.4775,
0.3361


237.4128, 0.3814,
0.3369


 10.5133, 0.5065,
0.3331


 38.9960, 0.4389,
0.3381

 5.7406, 0.5467,
0.3267

 54.4930, 0.4256,
0.3382


 2.6880, 0.6063,
0.3135

 73.6322, 0.4147,
0.3382

 0.9711, 0.7119,
0.2881

 96.7978, 0.4057,
0.3380

 0.0000, 1.0000,
0.0000

 124.3742, 0.3982,
0.3378

 0.0000, 0.0000,
0.0000

156.7460, 0.3917,

0.3375

194.2973, 0.3862,
0.3372

■ 17.3905, 0.4775,
0.3361

■ 17.3905, 0.4775,
0.3361

■ 14.7171, 0.5235,
0.3365

■ 20.8319, 0.4352,
0.3351

■ 12.7504, 0.5688,
0.3361

■ 25.0911, 0.3987,
0.3339

■ 11.4240, 0.6065,
0.3347

■ 30.2169, 0.3685,
0.3325

■ 10.6570, 0.6309,
0.3327

■ 36.2535, 0.3438,
0.3311

■ 10.5069, 0.6366,
0.3327

■ 43.2422, 0.3239,
0.3298

■ 51.2215, 0.3079,
0.3286

■ 60.2281, 0.2949,
0.3275

■ 70.2965, 0.2843,
0.3266

■ 81.4599, 0.2757,
0.3257

Harmonies

Analogous

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



17.3905, 0.4162, 0.2774



17.3905, 0.4775, 0.3361



17.3905, 0.4833, 0.3993

Triad

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



17.3905, 0.4775, 0.3361



17.3905, 0.2812, 0.4675



17.3905, 0.1888, 0.1998

Complementary

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



17.3905, 0.4775, 0.3361



37.8617, 0.2407, 0.3209

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.



17.3905, 0.1649, 0.2257



17.3905, 0.4775, 0.3361



17.3905, 0.2110, 0.3806

Square

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



17.3905, 0.4775, 0.3361



17.3905, 0.3646, 0.4935



17.3905, 0.1714, 0.2869



17.3905, 0.2433, 0.2029

Rectangle

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



17.3905, 0.4775, 0.3361



17.3905, 0.4580, 0.4404



17.3905, 0.1714, 0.2869



17.3905, 0.1775, 0.2049

Sweetspot

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



17.3914, 0.4775, 0.3361



64.3147, 0.3450, 0.3312



19.4114, 0.3232, 0.2006



13.3776, 0.3495, 0.3314



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



17.3914, 0.4775, 0.3361



25.4150, 0.5345, 0.3365



28.5064, 0.4307, 0.4057



9.0788, 0.3287, 0.3301



7.1835, 0.6359, 0.3333



0.2765, 0.6195, 0.3463

Inverse Universe

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



37.8617, 0.2407, 0.3209



65.5271, 0.2315, 0.3190



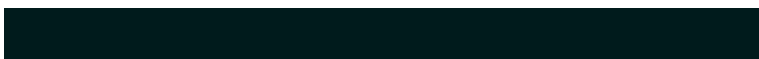
20.9120, 0.2220, 0.2331



10.1355, 0.2985, 0.3279



23.6149, 0.2207, 0.3143



0.8550, 0.2218, 0.3183

Previews

White Background



This preview shows how the Yxy color 17.3905, 0.4775, 0.3361 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 17.3905, 0.4775, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3905, 0.4775, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 17.3905, 0.4775, 0.3361.



This preview shows how white text looks on a background with the Yxy color 17.3905, 0.4775, 0.3361.

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

17.3905, 0.4775, 0.3361

Protanopia

17.5099, 0.3493, 0.3722

Deuteranopia

17.4523, 0.4010, 0.3939



Tritanopia

17.5010, 0.4652, 0.3228

Trichromacy



Original Color

17.3905, 0.4775, 0.3361

Protanomaly

16.9354, 0.3949, 0.3575

Deuteranomaly

17.1065, 0.4287, 0.3704

Tritanomaly

17.4516, 0.4700, 0.3268

Monochromacy



Original Color

17.3905, 0.4775, 0.3361

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.2353, 0.3683, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3905, 0.4775, 0.3361 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(185, 85, 80)` looks like.

```
.text, #text, p{  
  color:rgb(185, 85, 80)  
}
```

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(185, 85, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 85, 80) }
```

Border

The CSS property to change the border of an element to Yxy 17.3905, 0.4775, 0.3361 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(185, 85, 80) }
```

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

```
.border{ border-color:rgb(185, 85, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 85, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 85, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 85, 80);  
box-shadow:4px 4px 4px 4px rgb(185, 85,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3905, 0.4775, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 85, 80) }
```

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

```
.background{ background-color: rgb(185, 85,  
80) }
```

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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