

Converting Colors

$Yxy(19.6636, 0.4716, 0.3372)$

Have a look what the booklet for
Yxy(19.6636, 0.4716, 0.3372)
contains.

Yxy(19.6636, 0.4716, 0.3372)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.6636, 0.4716, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	C15C56
RGB	193, 92, 86
RGB Percent	76%, 36%, 34%
CMY	0.2431, 0.6392, 0.6627
CMYK	0.00, 0.52, 0.55, 0.24
HSL	3°, 46%, 55%
HSV	3°, 55%, 76%
XYZ	27.5010, 19.6636, 11.1497
YIQ	121.5150, 62.1220, 19.5460

Conversions

Conversions Part 2

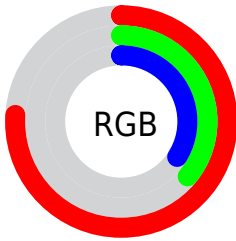
Format	Color
RYB	193, 92, 86
Decimal	12672086
CIELab	51.45, 39.95, 22.73
CIElCh	51, 45.966, 29.640
Yxy	19.6636, 0.4716, 0.3372
Android (android.graphics.Color)	4290862166 (0xFFC15C56)
YUV	121.5150, -17.5089, 62.6923
Hunter-Lab	44.3437, 33.1007, 16.1328

Details

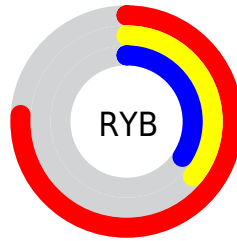
The Yxy color **19.6636, 0.4716, 0.3372** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **41.3742, 0.2414, 0.3197**, and the grayscale version is **19.3391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.9110, 0.4348, 0.3388**, and **6.8969, 0.5346, 0.3297** is the 20% darker color. If you saturate the color by 10%, you get **16.6086, 0.5172, 0.3378**, and if you desaturate by 10%, it is **23.5637, 0.4301, 0.3360**.

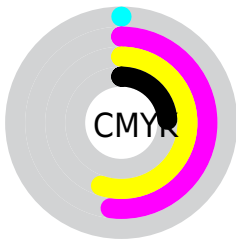
Distribution



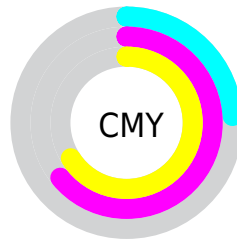
- Red (76%)
- Green (36%)
- Blue (34%)



- Red (76%)
- Yellow (36%)
- Blue (34%)



- Cyan (0%)
- Magenta (52%)
- Yellow (55%)
- Black (24%)




- Cyan (24%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6636, 0.4716, 0.3372 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 19.6636, 0.4716, 0.3372 by changing the saturation by 10% instead.


 19.6636, 0.4716,
0.3372


 19.6636, 0.4716,
0.3372


250.0881, 0.3804,
0.3372


 12.1508, 0.4984,
0.3348

 42.8525, 0.4355,
0.3387


 6.8464, 0.5351,
0.3297


 59.2973, 0.4228,
0.3387


 3.3662, 0.5874,
0.3183

 79.4882, 0.4125,
0.3386

 1.3258, 0.6946,
0.3054

 103.8096, 0.4039,
0.3384

 0.1610, 0.8783,
0.1217

 132.6459, 0.3967,
0.3381

 0.0000, 1.0000,
0.0000

166.3815, 0.3905,

 0.0000, 0.0000,

0.3378

0.0000

205.4008, 0.3851,
0.3375

■ 19.6636, 0.4716,
0.3372

■ 19.6636, 0.4716,
0.3372

■ 16.6086, 0.5172,
0.3378

■ 23.5637, 0.4301,
0.3360

■ 14.3332, 0.5628,
0.3374

■ 28.3616, 0.3945,
0.3345

■ 12.7676, 0.6019,
0.3359

■ 34.1097, 0.3650,
0.3329

■ 11.8279, 0.6281,
0.3335

■ 40.8552, 0.3410,
0.3313

■ 11.5740, 0.6362,
0.3330

■ 48.6424, 0.3216,
0.3298

■ 57.5126, 0.3060,
0.3284

■ 67.5053, 0.2933,
0.3271

■ 78.6577, 0.2830,
0.3260

■ 90.0788, 0.2768,
0.3289

Harmonies

Analogous

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



19.6636, 0.4131, 0.2799



19.6636, 0.4716, 0.3372



19.6636, 0.4772, 0.3986

Triad

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



19.6636, 0.4716, 0.3372



19.6636, 0.2821, 0.4608



19.6636, 0.1932, 0.2039

Complementary

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



19.6636, 0.4716, 0.3372



41.3742, 0.2414, 0.3197

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.



19.6636, 0.1696, 0.2290



19.6636, 0.4716, 0.3372



19.6636, 0.2142, 0.3777

Square

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



19.6636, 0.4716, 0.3372



19.6636, 0.3627, 0.4872



19.6636, 0.1758, 0.2882



19.6636, 0.2466, 0.2070

Rectangle

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



19.6636, 0.4716, 0.3372



19.6636, 0.4530, 0.4381



19.6636, 0.1758, 0.2882



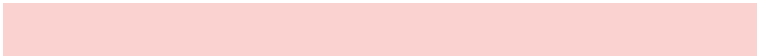
19.6636, 0.1820, 0.2088

Sweetspot

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



19.6646, 0.4716, 0.3372



70.8248, 0.3450, 0.3316



21.6103, 0.3250, 0.2044



14.6532, 0.3496, 0.3319



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



19.6646, 0.4716, 0.3372



28.5509, 0.5294, 0.3378



32.2171, 0.4263, 0.4066



10.1665, 0.3288, 0.3303



7.7363, 0.6353, 0.3338



0.3662, 0.6184, 0.3472

Inverse Universe

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



41.3742, 0.2414, 0.3197



71.3334, 0.2316, 0.3173



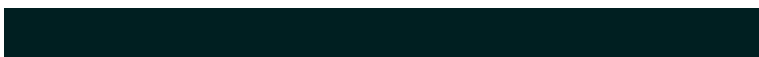
22.9219, 0.2231, 0.2323



11.3286, 0.2984, 0.3277



24.9018, 0.2199, 0.3116



1.1059, 0.2210, 0.3157

Previews

White Background



This preview shows how the Yxy color 19.6636, 0.4716, 0.3372 looks on a white 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

Black Background



This preview shows how the Yxy color 19.6636, 0.4716, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

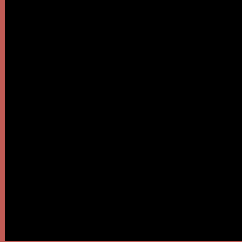
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6636, 0.4716, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 19.6636, 0.4716, 0.3372.



This preview shows how white text looks on a background with the Yxy color 19.6636, 0.4716, 0.3372.

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

19.6636, 0.4716, 0.3372

Protanopia

19.9113, 0.3499, 0.3717

Deuteranopia

19.8468, 0.3989, 0.3924



Tritanopia

19.6447, 0.4576, 0.3203

Trichromacy



Original Color

19.6636, 0.4716, 0.3372

Protanomaly

19.2846, 0.3930, 0.3578

Deuteranomaly

19.4543, 0.4251, 0.3702

Tritanomaly

19.7418, 0.4630, 0.3269

Monochromacy



Original Color

19.6636, 0.4716, 0.3372

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.7689, 0.3661, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6636, 0.4716, 0.3372 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(193, 92, 86)` looks like.

```
.text, #text, p{  
    color:rgb(193, 92, 86)  
}
```

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(193, 92, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 92, 86) }
```

Border

The CSS property to change the border of an element to Yxy 19.6636, 0.4716, 0.3372 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(193, 92, 86) }
```

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

```
.border{ border-color:rgb(193, 92, 86) }
```

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

Here you see how a box with a 4 pixel rgb(193, 92, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 92, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 92, 86);  
box-shadow:4px 4px 4px 4px rgb(193, 92,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6636, 0.4716, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 92, 86) }
```

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

```
.background{ background-color: rgb(193, 92,  
86) }
```

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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