

Converting Colors

$Y_{xy}(19.5130, 0.4670, 0.3391)$

Have a look what the booklet for
Yxy(19.5130, 0.4670, 0.3391)
contains.

Yxy(19.4477, 0.4672, 0.3387)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.4477, 0.4672, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	BE5D56
RGB	190, 93, 86
RGB Percent	75%, 36%, 34%
CMY	0.2550, 0.6352, 0.6627
CMYK	0.00, 0.51, 0.55, 0.25
HSL	4°, 44%, 54%
HSV	4°, 55%, 75%
XYZ	26.8260, 19.4477, 11.1450
YIQ	121.2050, 60.0590, 18.3870

Conversions

Conversions Part 2

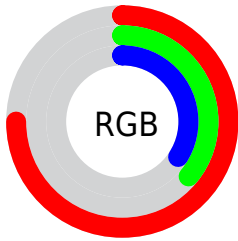
Format	Color
R_{YB}	190, 94, 86
Decimal	12475734
CIE Lab	51.21, 38.29, 22.32
CIE LCh	51, 44.321, 30.236
Yxy	19.4477, 0.4672, 0.3387
Android (android.graphics.Color)	4290665814 (0xFFBE5D56)
YUV	121.2050, -17.3561, 60.3332
Hunter-Lab	44.0995, 31.4083, 15.8857

Details

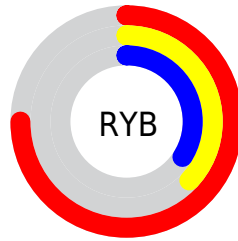
The Yxy color **19.4477, 0.4672, 0.3387** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.5493, 0.2417, 0.3180**, and the grayscale version is **19.2346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6593, 0.4315, 0.3400**, and **6.7216, 0.5294, 0.3312** is the 20% darker color. If you saturate the color by 10%, you get **16.4233, 0.5122, 0.3395**, and if you desaturate by 10%, it is **23.2760, 0.4265, 0.3372**.

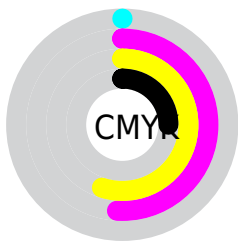
Distribution



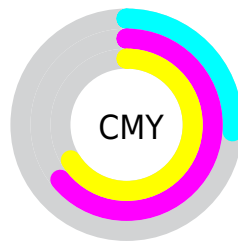
- Red (75%)
- Green (36%)
- Blue (34%)



- Red (75%)
- Yellow (37%)
- Blue (34%)



- Cyan (0%)
- Magenta (51%)
- Yellow (55%)
- Black (25%)




- Cyan (26%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4477, 0.4672, 0.3387 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 19.4477, 0.4672, 0.3387 by changing the saturation by 10% instead.


 19.4477, 0.4672,
0.3387


 19.4477, 0.4672,
0.3387


248.9093, 0.3784,
0.3376


 11.9942, 0.4935,
0.3367


 42.4892, 0.4319,
0.3397


 6.7397, 0.5296,
0.3322


 58.8461, 0.4196,
0.3396

 3.2999, 0.5812,
0.3217

 78.9395, 0.4095,
0.3393

 1.2902, 0.6893,
0.3107

 103.1540, 0.4012,
0.3390

 0.1336, 0.8900,
0.1100

 131.8738, 0.3941,
0.3386

 0.0000, 1.0000,
0.0000

165.4833, 0.3881,

 0.0000, 0.0000,

0.3383


0.0000


204.3670, 0.3829,
0.3379

 19.4477, 0.4672,
0.3387

 19.4477, 0.4672,
0.3387


 16.4233, 0.5122,
0.3395


 23.2760, 0.4265,
0.3372


 14.1427, 0.5577,
0.3391


 27.9566, 0.3917,
0.3354


 12.5423, 0.5976,
0.3375

 33.5378, 0.3629,
0.3335

 11.5463, 0.6254,
0.3347

 40.0633, 0.3394,
0.3316

 11.2279, 0.6353,
0.3338

 47.5739, 0.3204,
0.3298

■ 56.1083, 0.3050,
0.3282

■ 65.7028, 0.2925,
0.3267

■ 76.3920, 0.2823,
0.3253

■ 88.0803, 0.2749,
0.3262

Harmonies

Analogous

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



19.4477, 0.4115, 0.2824



19.4477, 0.4672, 0.3387



19.4477, 0.4720, 0.3987

Triad

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



19.4477, 0.4672, 0.3387



19.4477, 0.2819, 0.4548



19.4477, 0.1972, 0.2071

Complementary

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



19.4477, 0.4672, 0.3387



39.5493, 0.2417, 0.3180

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.



19.4477, 0.1735, 0.2313



19.4477, 0.4672, 0.3387



19.4477, 0.2162, 0.3743

Square

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



19.4477, 0.4672, 0.3387



19.4477, 0.3603, 0.4821



19.4477, 0.1791, 0.2883



19.4477, 0.2499, 0.2104

Rectangle

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



19.4477, 0.4672, 0.3387



19.4477, 0.4483, 0.4367



19.4477, 0.1791, 0.2883



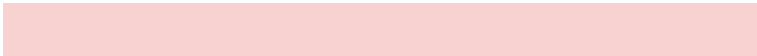
19.4477, 0.1861, 0.2118

Sweetspot

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



19.4487, 0.4672, 0.3387



70.6933, 0.3427, 0.3319



21.0221, 0.3270, 0.2076



14.9628, 0.3473, 0.3323



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.



19.4487, 0.4672, 0.3387



28.6839, 0.5230, 0.3395



31.8446, 0.4230, 0.4078



9.6369, 0.3287, 0.3306



7.5110, 0.6342, 0.3346



0.3299, 0.6130, 0.3515

Inverse Universe

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



39.5493, 0.2417, 0.3180



68.8123, 0.2318, 0.3152



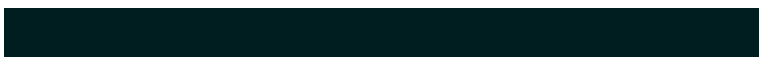
21.9447, 0.2237, 0.2309



10.6963, 0.2985, 0.3274



23.4753, 0.2189, 0.3081



0.9530, 0.2204, 0.3134

Previews

White Background



This preview shows how the Yxy color 19.4477, 0.4672, 0.3387 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 19.4477, 0.4672, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

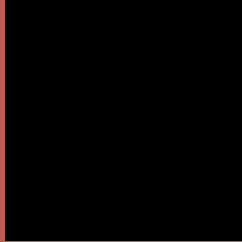
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4477, 0.4672, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 19.4477, 0.4672, 0.3387.



This preview shows how white text looks on a background with the Yxy color 19.4477, 0.4672, 0.3387.

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

19.4477, 0.4672, 0.3387

Protanopia

19.5657, 0.3502, 0.3720

Deuteranopia

19.5348, 0.3971, 0.3895



Tritanopia

19.4404, 0.4517, 0.3201

Trichromacy



Original Color

19.4477, 0.4672, 0.3387

Protanomaly

18.8524, 0.3923, 0.3581

Deuteranomaly

19.1362, 0.4246, 0.3689

Tritanomaly

19.5388, 0.4571, 0.3268

Monochromacy



Original Color

19.4477, 0.4672, 0.3387

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.5626, 0.3647, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4477, 0.4672, 0.3387 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(190, 93, 86)` looks like.

```
.text, #text, p{  
  color:rgb(190, 93, 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(190, 93, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 93, 86) }
```

Border

The CSS property to change the border of an element to Yxy 19.4477, 0.4672, 0.3387 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(190, 93, 86) }
```

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

```
.border{ border-color:rgb(190, 93, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 93, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 93, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 93, 86);  
box-shadow:4px 4px 4px 4px rgb(190, 93,  
86) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 19.4477, 0.4672, 0.3387$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 93, 86) }
```

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

```
.background{ background-color: rgb(190, 93,  
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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