

Converting Colors

$Y_{xy}(19.9382, 0.4355, 0.3454)$

Have a look what the booklet for
Yxy(19.9382, 0.4355, 0.3454)
contains.

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Color

Yxy(19.9382, 0.4355, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	B2675C
RGB	178, 103, 92
RGB Percent	70%, 40%, 36%
CMY	0.3020, 0.5960, 0.6392
CMYK	0.00, 0.42, 0.48, 0.30
HSL	8°, 36%, 53%
HSV	8°, 48%, 70%
XYZ	25.1392, 19.9382, 12.6475
YIQ	124.1710, 48.2310, 12.4790

Conversions

Conversions Part 2

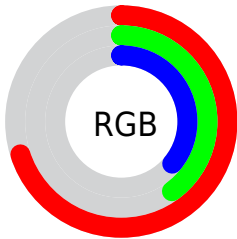
Format	Color
RYB	178, 105, 92
Decimal	11691868
CIELab	51.77, 28.85, 19.26
CIELCh	52, 34.688, 33.719
Yxy	19.9382, 0.4355, 0.3454
Android (android.graphics.Color)	4289881948 (0xFFB2675C)
YUV	124.1710, -15.8603, 47.2080
Hunter-Lab	44.6522, 22.3542, 14.4629

Details

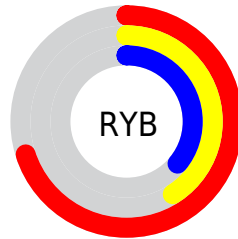
The Yxy color **19.9382, 0.4355, 0.3454** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.1132, 0.2466, 0.3109**, and the grayscale version is **20.2587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2286, 0.4074, 0.3440**, and **6.9732, 0.4865, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **16.8574, 0.4756, 0.3479**, and if you desaturate by 10%, it is **23.6671, 0.4005, 0.3422**.

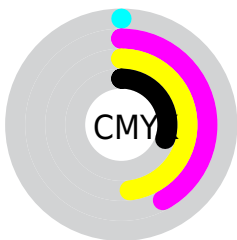
Distribution



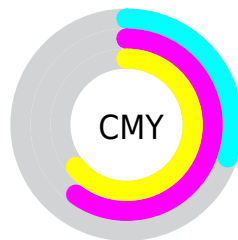
- Red (70%)
- Green (40%)
- Blue (36%)



- Red (70%)
- Yellow (41%)
- Blue (36%)



- Cyan (0%)
- Magenta (42%)
- Yellow (48%)
- Black (30%)





- Cyan (30%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9382, 0.4355, 0.3454 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 19.9382, 0.4355, 0.3454 by changing the saturation by 10% instead.


 19.9382, 0.4355,
0.3454


 19.9382, 0.4355,
0.3454


251.5804, 0.3649,
0.3390


 12.3501, 0.4566,
0.3458


 43.3135, 0.4074,
0.3438


 6.9826, 0.4860,
0.3450


 59.8696, 0.3976,
0.3429

 3.4512, 0.5291,
0.3412

 80.1838, 0.3896,
0.3421

 1.3716, 0.6332,
0.3485

 104.6405, 0.3830,
0.3414

 0.1956, 0.8200,
0.1800

133.6241, 0.3774,
0.3407


 0.0000, 0.0000,
0.0000


167.5190, 0.3726,


0.3400

206.7097, 0.3685,
0.3395


 19.9382, 0.4355,
0.3454


 19.9382, 0.4355,
0.3454


 16.8574, 0.4756,
0.3479


 23.6671, 0.4005,
0.3422

 14.3847, 0.5190,
0.3490


 28.0749, 0.3710,
0.3386


 12.4803, 0.5619,
0.3480

 33.1945, 0.3466,
0.3350


 11.0986, 0.5987,
0.3446

 39.0552, 0.3265,
0.3316


 10.1833, 0.6248,
0.3397


 45.6852, 0.3102,
0.3285

 10.0683, 0.6285,
0.3391

 53.1108, 0.2968,
0.3256

 61.3573, 0.2857,
0.3230

 70.4488, 0.2766,
0.3206

 80.4084, 0.2689,
0.3184

Harmonies

Analogous

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



19.9382, 0.3962, 0.2979



19.9382, 0.4355, 0.3454



19.9382, 0.4366, 0.3939

Triad

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



19.9382, 0.4355, 0.3454



19.9382, 0.2835, 0.4182



19.9382, 0.2239, 0.2302

Complementary

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



19.9382, 0.4355, 0.3454



33.1132, 0.2466, 0.3109

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.



19.9382, 0.2011, 0.2488



19.9382, 0.4355, 0.3454



19.9382, 0.2322, 0.3566

Square

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



19.9382, 0.4355, 0.3454



19.9382, 0.3459, 0.4465



19.9382, 0.2036, 0.2927



19.9382, 0.2701, 0.2346

Rectangle

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



19.9382, 0.4355, 0.3454



19.9382, 0.4170, 0.4221



19.9382, 0.2036, 0.2927



19.9382, 0.2136, 0.2337

Sweetspot

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



19.9392, 0.4355, 0.3454



64.3696, 0.3379, 0.3336



19.9420, 0.3304, 0.2253



13.7704, 0.3424, 0.3344



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



19.9392, 0.4355, 0.3454



30.2310, 0.4786, 0.3480



30.4931, 0.4039, 0.4049



8.6750, 0.3284, 0.3320



7.2589, 0.6271, 0.3402



0.2840, 0.5874, 0.3718

Inverse Universe

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



33.1132, 0.2466, 0.3109



56.8962, 0.2358, 0.3063



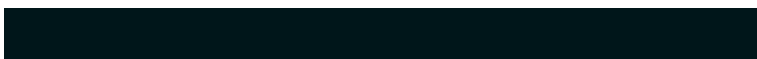
20.1454, 0.2330, 0.2373



9.4420, 0.2986, 0.3260



19.1828, 0.2135, 0.2886



0.6551, 0.2169, 0.3009

Previews

White Background



This preview shows how the Yxy color 19.9382, 0.4355, 0.3454 looks on a white background.

Color Contrast Check

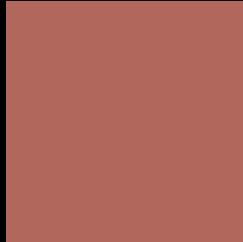
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9382, 0.4355, 0.3454 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 19.9382, 0.4355, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 19.9382, 0.4355, 0.3454.



This preview shows how white text looks on a background with the Yxy color 19.9382, 0.4355, 0.3454.

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

19.9382, 0.4355, 0.3454

Protanopia

20.1802, 0.3483, 0.3716

Deuteranopia

20.1180, 0.3869, 0.3810



Tritanopia

19.9738, 0.4146, 0.3191

Trichromacy



Original Color

19.9382, 0.4355, 0.3454

Protanomaly

19.6685, 0.3785, 0.3603

Deuteranomaly

19.8175, 0.4045, 0.3669

Tritanomaly

20.0458, 0.4229, 0.3293

Monochromacy



Original Color

19.9382, 0.4355, 0.3454

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5899, 0.3547, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9382, 0.4355, 0.3454 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(178, 103, 92)` looks like.

```
.text, #text, p{  
    color:rgb(178, 103, 92)  
}
```

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(178, 103, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 103, 92) }
```

Border

The CSS property to change the border of an element to Yxy 19.9382, 0.4355, 0.3454 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(178, 103, 92) }
```

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

```
.border{ border-color:rgb(178, 103, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 103, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 103, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 103, 92);  
box-shadow:4px 4px 4px 4px rgb(178, 103,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9382, 0.4355, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 103, 92) }
```

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

```
.background{ background-color: rgb(178,  
103, 92) }
```

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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