

Converting Colors

$Yxy(20.4094, 0.4784, 0.3596)$

Have a look what the booklet for
Yxy(20.4094, 0.4784, 0.3596)
contains.

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Color

Yxy(20.5080, 0.4783, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	BF634B
RGB	191, 99, 75
RGB Percent	75%, 39%, 29%
CMY	0.2510, 0.6117, 0.7059
CMYK	0.00, 0.48, 0.61, 0.25
HSL	12°, 48%, 52%
HSV	12°, 61%, 75%
XYZ	27.2169, 20.5080, 9.1785
YIQ	123.7720, 62.5360, 12.0400

Conversions

Conversions Part 2

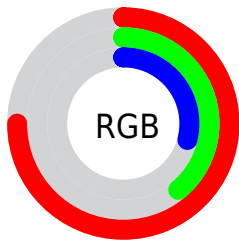
Format	Color
R_{YB}	191, 105, 75
Decimal	12542795
CIE _{Lab}	52.41, 34.71, 30.25
CIE _{LCh}	52, 46.037, 41.076
Yxy	20.5080, 0.4783, 0.3604
Android (android.graphics.Color)	4290732875 (0xFFBF634B)
YUV	123.7720, -24.0446, 58.9590
Hunter-Lab	45.2858, 28.0291, 19.6831

Details

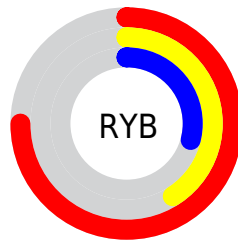
The Yxy color **20.5080, 0.4783, 0.3604** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.8865, 0.2306, 0.2903**, and the grayscale version is **20.1426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.0977, 0.4419, 0.3577**, and **7.2769, 0.5412, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **17.6798, 0.5192, 0.3620**, and if you desaturate by 10%, it is **23.9550, 0.4398, 0.3566**.

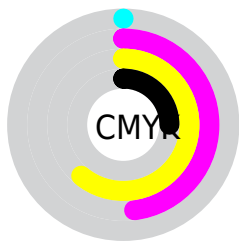
Distribution



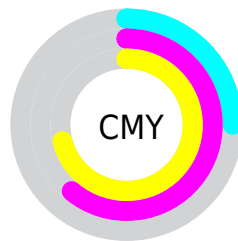
- Red (75%)
- Green (39%)
- Blue (29%)



- Red (75%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (48%)
- Yellow (61%)
- Black (25%)





- Cyan (25%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.5080, 0.4783, 0.3604 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 20.5080, 0.4783, 0.3604 by changing the saturation by 10% instead.


 20.5080, 0.4783,
0.3604


 20.5080, 0.4783,
0.3604


254.6521, 0.3845,
0.3486


 12.7648, 0.5049,
0.3606


 44.2673, 0.4417,
0.3577

 7.2668, 0.5405,
0.3584


 61.0522, 0.4286,
0.3562

 3.6295, 0.5916,
0.3516

 81.6198, 0.4179,
0.3547

 1.4686, 0.6677,
0.3323

 106.3544, 0.4090,
0.3533

 0.2664, 0.8089,
0.1911

 135.6406, 0.4015,
0.3519

 0.0000, 1.0000,
0.0000

169.8627, 0.3950,

 0.0000, 0.0000,

0.3507

0.0000

209.4051, 0.3894,
0.3496

■ 20.5080, 0.4783,
0.3604

■ 20.5080, 0.4783,
0.3604

■ 17.6798, 0.5192,
0.3620

■ 23.9550, 0.4398,
0.3566

■ 15.4298, 0.5589,
0.3605

■ 28.0518, 0.4056,
0.3515

■ 13.7174, 0.5929,
0.3553

■ 32.8311, 0.3762,
0.3458

■ 12.5631, 0.6167,
0.3485

■ 38.3224, 0.3515,
0.3401

■ 44.5535, 0.3309,
0.3346

■ 51.5505, 0.3139,
0.3294

■ 59.3386, 0.2997,
0.3246

■ 67.9415, 0.2880,
0.3202

■ 77.3819, 0.2781,
0.3162

Harmonies

Analogous

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



20.5080, 0.4391, 0.3012



20.5080, 0.4783, 0.3604



20.5080, 0.4640, 0.4210

Triad

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



20.5080, 0.4783, 0.3604



20.5080, 0.2543, 0.4322



20.5080, 0.2111, 0.2033

Complementary

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



20.5080, 0.4783, 0.3604



32.8865, 0.2306, 0.2903

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.



20.5080, 0.1765, 0.2170



20.5080, 0.4783, 0.3604



20.5080, 0.1970, 0.3413

Square

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



20.5080, 0.4783, 0.3604



20.5080, 0.3319, 0.4832



20.5080, 0.1712, 0.2623



20.5080, 0.2749, 0.2158

Rectangle

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



20.5080, 0.4783, 0.3604



20.5080, 0.4304, 0.4568



20.5080, 0.1712, 0.2623



20.5080, 0.1963, 0.2047

Sweetspot

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



20.5091, 0.4783, 0.3604



71.2510, 0.3461, 0.3387



18.9263, 0.3491, 0.2128



14.9587, 0.3526, 0.3404



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.



20.5091, 0.4783, 0.3604



30.1753, 0.5331, 0.3619



35.4263, 0.4241, 0.4333



9.8479, 0.3283, 0.3338



8.3522, 0.6146, 0.3502



0.4227, 0.5688, 0.3866

Inverse Universe

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



32.8865, 0.2306, 0.2903



53.9987, 0.2189, 0.2803



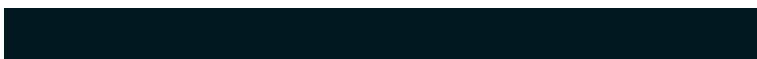
16.3639, 0.2083, 0.1909



10.4649, 0.2985, 0.3241



17.2323, 0.2061, 0.2619



0.7611, 0.2110, 0.2797

Previews

White Background



This preview shows how the Yxy color 20.5080, 0.4783, 0.3604 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 20.5080, 0.4783, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

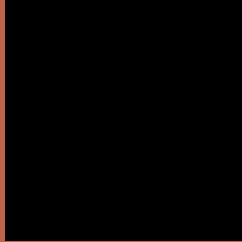
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.5080, 0.4783, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 20.5080, 0.4783, 0.3604.



This preview shows how white text looks on a background with the Yxy color 20.5080, 0.4783, 0.3604.

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

20.5080, 0.4783, 0.3604

Protanopia

20.5573, 0.3733, 0.4012

Deuteranopia

20.6602, 0.4157, 0.4092



Tritanopia

20.4812, 0.4451, 0.3201

Trichromacy



Original Color

20.5080, 0.4783, 0.3604

Protanomaly

20.1528, 0.4112, 0.3865

Deuteranomaly

20.2717, 0.4403, 0.3898

Tritanomaly

20.3449, 0.4582, 0.3347

Monochromacy



Original Color

20.5080, 0.4783, 0.3604

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5980, 0.3684, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.5080, 0.4783, 0.3604 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(191, 99, 75)` looks like.

```
.text, #text, p{  
  color:rgb(191, 99, 75)  
}
```

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(191, 99, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 99, 75) }
```

Border

The CSS property to change the border of an element to Yxy 20.5080, 0.4783, 0.3604 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(191, 99, 75) }
```

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

```
.border{ border-color:rgb(191, 99, 75) }
```

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

Here you see how a box with a 4 pixel rgb(191, 99, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 99, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 99, 75);  
box-shadow:4px 4px 4px 4px rgb(191, 99,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 20.5080, 0.4783, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 99, 75) }
```

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

```
.background{ background-color: rgb(191, 99,  
75) }
```

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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