

Converting Colors

$Y_{xy}(20.9603, 0.4493, 0.3346)$

Have a look what the booklet for
Yxy(20.9603, 0.4493, 0.3346)
contains.

Yxy(20.8446, 0.4488, 0.3334)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.8446, 0.4488, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	BF6360
RGB	191, 99, 96
RGB Percent	75%, 39%, 38%
CMY	0.2510, 0.6117, 0.6234
CMYK	0.00, 0.48, 0.50, 0.25
HSL	2°, 43%, 56%
HSV	2°, 50%, 75%
XYZ	28.0596, 20.8446, 13.6171
YIQ	126.1660, 55.7950, 18.5710

Conversions

Conversions Part 2

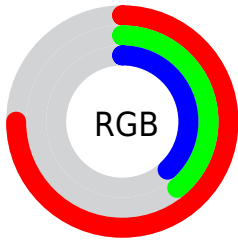
Format	Color
R_{YB}	191, 99, 96
Decimal	12542816
CIE _{Lab}	52.78, 36.47, 18.57
CIE _{LCh}	53, 40.922, 26.984
Yxy	20.8446, 0.4488, 0.3334
Android (android.graphics.Color)	4290732896 (0xFFBF6360)
YUV	126.1660, -14.8718, 56.8594
Hunter-Lab	45.6559, 29.8061, 14.2755

Details

The Yxy color **20.8446, 0.4488, 0.3334** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.2244, 0.2475, 0.3243**, and the grayscale version is **20.9622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.8871, 0.4169, 0.3347**, and **7.4952, 0.5033, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **17.4223, 0.4932, 0.3340**, and if you desaturate by 10%, it is **25.1575, 0.4099, 0.3326**.

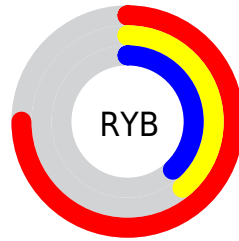
Distribution



Red (75%)

Green (39%)

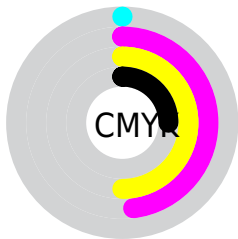
Blue (38%)



Red (75%)

Yellow (39%)

Blue (38%)

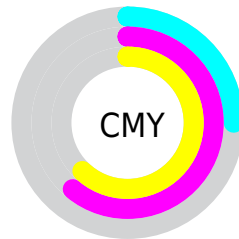


Cyan (0%)

Magenta (48%)

Yellow (50%)

Black (25%)



Cyan (25%)


Magenta (61%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.8446, 0.4488, 0.3334 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 20.8446, 0.4488, 0.3334 by changing the saturation by 10% instead.

 20.8446, 0.4488,
0.3334

 20.8446, 0.4488,
0.3334

256.4515, 0.3711,
0.3342


 13.0105, 0.4717,
0.3316


 44.8288, 0.4180,
0.3347

 7.4357, 0.5034,
0.3278


 61.7476, 0.4073,
0.3349

 3.7361, 0.5492,
0.3196

 82.4634, 0.3985,
0.3349

 1.5270, 0.6399,
0.3108

 107.3606, 0.3911,
0.3348

 0.3077, 0.8000,
0.2000

136.8236, 0.3850,
0.3346

 0.0000, 1.0000,
0.0000


171.2369, 0.3797,


 0.0000, 0.0000,


0.3345


0.0000

210.9847, 0.3751,
0.3343


 20.8446, 0.4488,
0.3334


 20.8446, 0.4488,
0.3334

 17.4223, 0.4932,
0.3340


 25.1575, 0.4099,
0.3326


 14.8254, 0.5402,
0.3341


 30.4138, 0.3774,
0.3316

 12.9852, 0.5840,
0.3337


 36.6658, 0.3509,
0.3307


 11.8206, 0.6177,
0.3325

 43.9613, 0.3295,
0.3298

 11.2183, 0.6374,
0.3317


 52.3448, 0.3123,
0.3290

 11.2060, 0.6379,
0.3317

 61.8585, 0.2984,
0.3282

 72.5420, 0.2872,
0.3276

 84.4332, 0.2781,
0.3269

 89.8160, 0.2757,
0.3289

Harmonies

Analogous

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



20.8446, 0.3945, 0.2817



20.8446, 0.4488, 0.3334



20.8446, 0.4593, 0.3888

Triad

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



20.8446, 0.4488, 0.3334



20.8446, 0.2934, 0.4464



20.8446, 0.2032, 0.2185

Complementary

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



20.8446, 0.4488, 0.3334



42.2244, 0.2475, 0.3243

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.



20.8446, 0.1840, 0.2448



20.8446, 0.4488, 0.3334



20.8446, 0.2307, 0.3788

Square

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



20.8446, 0.4488, 0.3334



20.8446, 0.3651, 0.4663



20.8446, 0.1928, 0.3007



20.8446, 0.2493, 0.2186

Rectangle

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



20.8446, 0.4488, 0.3334



20.8446, 0.4414, 0.4237



20.8446, 0.1928, 0.3007



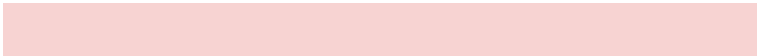
20.8446, 0.1937, 0.2241

Sweetspot

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



20.8457, 0.4488, 0.3334



71.2963, 0.3407, 0.3303



23.1388, 0.3201, 0.2122



15.0579, 0.3454, 0.3305



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.



20.8457, 0.4488, 0.3334



30.5566, 0.4989, 0.3340



32.2009, 0.4142, 0.3954



9.5830, 0.3288, 0.3298



7.3869, 0.6373, 0.3321



0.3060, 0.6269, 0.3404

Inverse Universe

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



42.2244, 0.2475, 0.3243



73.3058, 0.2378, 0.3232



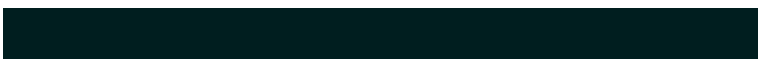
25.5747, 0.2333, 0.2497



10.7568, 0.2985, 0.3282



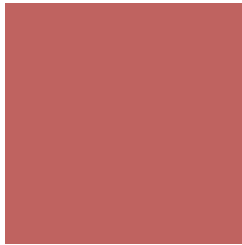
25.3011, 0.2220, 0.3193



1.0073, 0.2227, 0.3217

Previews

White Background



This preview shows how the Yxy color 20.8446, 0.4488, 0.3334 looks on a white background.

Color Contrast Check

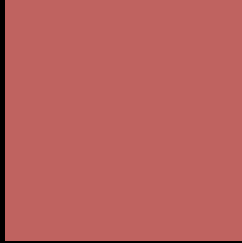
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8446, 0.4488, 0.3334 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 20.8446, 0.4488, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 20.8446, 0.4488, 0.3334.



This preview shows how white text looks on a background with the Yxy color 20.8446, 0.4488, 0.3334.

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

20.8446, 0.4488, 0.3334

Protanopia

21.0124, 0.3408, 0.3599

Deuteranopia

20.9315, 0.3859, 0.3784



Tritanopia

20.9618, 0.4374, 0.3199

Trichromacy



Original Color

20.8446, 0.4488, 0.3334

Protanomaly

20.3603, 0.3786, 0.3493

Deuteranomaly

20.5999, 0.4098, 0.3608

Tritanomaly

20.9011, 0.4419, 0.3240

Monochromacy



Original Color

20.8446, 0.4488, 0.3334

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.2126, 0.3587, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.8446, 0.4488, 0.3334 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(191, 99, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 99, 96) }
```

Border

The CSS property to change the border of an element to Yxy 20.8446, 0.4488, 0.3334 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, 96) }
```

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

```
.border{ border-color:rgb(191, 99, 96) }
```

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, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 99, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 99, 96);  
box-shadow:4px 4px 4px 4px rgb(191, 99,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 20.8446, 0.4488, 0.3334 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, 96) }
```

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

```
.background{ background-color: rgb(191, 99,  
96) }
```

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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