

Converting Colors

$Y_{xy}(20.5166, 0.4318, 0.3112)$

Have a look what the booklet for
Yxy(20.5166, 0.4318, 0.3112)
contains.

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Color

Yxy(20.5462, 0.4313, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	BF606D
RGB	191, 96, 109
RGB Percent	75%, 38%, 43%
CMY	0.2510, 0.6235, 0.5725
CMYK	0.00, 0.50, 0.43, 0.25
HSL	352°, 43%, 56%
HSV	352°, 50%, 75%
XYZ	28.4298, 20.5462, 16.9406
YIQ	125.8870, 52.4470, 24.1830

Conversions

Conversions Part 2

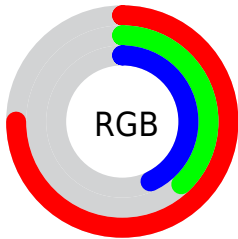
Format	Color
R_{YB}	191, 96, 109
Decimal	12542061
CIE _{Lab}	52.45, 39.35, 10.45
CIE _{LCh}	52, 40.710, 14.870
Yxy	20.5462, 0.4313, 0.3117
Android (android.graphics.Color)	4290732141 (0xFFBF606D)
YUV	125.8870, -8.3253, 57.1041
Hunter-Lab	45.3279, 32.6320, 9.5709

Details

The Yxy color **20.5462, 0.4313, 0.3117** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.9623, 0.2556, 0.3487**, and the grayscale version is **20.8401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3570, 0.4045, 0.3175**, and **7.2929, 0.4793, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **17.1527, 0.4707, 0.3095**, and if you desaturate by 10%, it is **24.8550, 0.3973, 0.3149**.

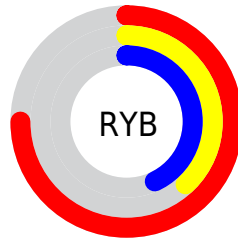
Distribution



Red (75%)

Green (38%)

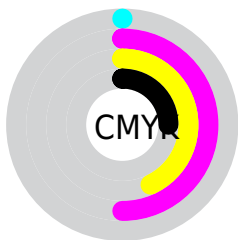
Blue (43%)



Red (75%)

Yellow (38%)

Blue (43%)

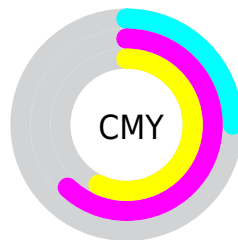


Cyan (0%)

Magenta (50%)

Yellow (43%)

Black (25%)



Cyan (25%)


Magenta (62%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.5462, 0.4313, 0.3117 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 20.5462, 0.4313, 0.3117 by changing the saturation by 10% instead.


 20.5462, 0.4313,
0.3117


 20.5462, 0.4313,
0.3117


254.8569, 0.3635,
0.3233


 12.7927, 0.4516,
0.3074


 44.3311, 0.4043,
0.3168


 7.2860, 0.4799,
0.3008


 61.1312, 0.3949,
0.3185

 3.6416, 0.5217,
0.2897

 81.7157, 0.3873,
0.3197

 1.4752, 0.5900,
0.2694

 106.4689, 0.3809,
0.3207

 0.2711, 0.8249,
0.1751

135.7752, 0.3755,
0.3216

 0.0000, 1.0000,
0.0000

170.0190, 0.3710,

 0.0000, 0.0000,

0.3223

0.0000

209.5848, 0.3670,
0.3228

■ 20.5462, 0.4313,
0.3117

■ 20.5462, 0.4313,
0.3117

■ 17.1527, 0.4707,
0.3095

■ 24.8550, 0.3973,
0.3149

■ 14.6052, 0.5138,
0.3089

■ 30.1354, 0.3691,
0.3185

■ 12.8297, 0.5568,
0.3105


■ 36.4430, 0.3460,
0.3222


■ 11.7378, 0.5943,
0.3147

■ 43.8284, 0.3274,
0.3257


■ 11.1646, 0.6218,
0.3201

■ 52.3386, 0.3124,
0.3291

 11.1517, 0.6224,
0.3202

 62.0181, 0.3002,
0.3322

 72.9086, 0.2904,
0.3350

 85.0501, 0.2824,
0.3375

 89.8164, 0.2757,
0.3289

Harmonies

Analogous

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



20.5462, 0.3646, 0.2636



20.5462, 0.4313, 0.3117



20.5462, 0.4608, 0.3664

Triad

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



20.5462, 0.4313, 0.3117



20.5462, 0.3223, 0.4611



20.5462, 0.1922, 0.2257

Complementary

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



20.5462, 0.4313, 0.3117



42.9623, 0.2556, 0.3487

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.



20.5462, 0.1841, 0.2638



20.5462, 0.4313, 0.3117



20.5462, 0.2538, 0.4099

Square

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



20.5462, 0.4313, 0.3117



20.5462, 0.3921, 0.4597



20.5462, 0.2047, 0.3308



20.5462, 0.2276, 0.2157

Rectangle

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



20.5462, 0.4313, 0.3117



20.5462, 0.4543, 0.4030



20.5462, 0.2047, 0.3308



20.5462, 0.1864, 0.2351

Sweetspot

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



20.5473, 0.4313, 0.3117



70.9767, 0.3371, 0.3238



21.4458, 0.3019, 0.2045



14.9805, 0.3412, 0.3230



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.



20.5473, 0.4313, 0.3117



30.0887, 0.4758, 0.3093



27.6880, 0.4259, 0.3746



9.5571, 0.3267, 0.3259



7.3359, 0.6200, 0.3189



0.2943, 0.5663, 0.2893

Inverse Universe

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



20.5473, 0.4313, 0.3117



30.0887, 0.4758, 0.3093



30.6175, 0.2383, 0.2762



9.5571, 0.3267, 0.3259



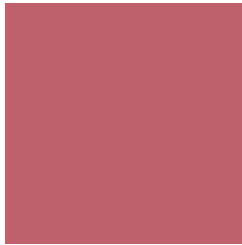
7.3359, 0.6200, 0.3189



0.2943, 0.5663, 0.2893

Previews

White Background



This preview shows how the Yxy color 20.5462, 0.4313, 0.3117 looks on a white background.

Color Contrast Check

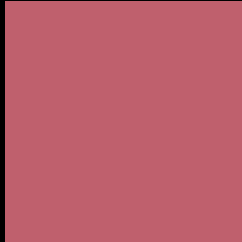
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5462, 0.4313, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

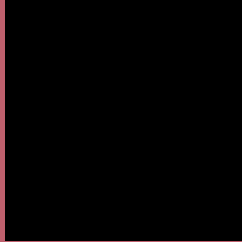
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.5462, 0.4313, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 20.5462, 0.4313, 0.3117.



This preview shows how white text looks on a background with the Yxy color 20.5462, 0.4313, 0.3117.

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

20.5462, 0.4313, 0.3117

Protanopia

20.7117, 0.3174, 0.3308

Deuteranopia

20.7144, 0.3630, 0.3570



Tritanopia

20.6252, 0.4383, 0.3199

Trichromacy



Original Color

20.5462, 0.4313, 0.3117

Protanomaly

19.9458, 0.3555, 0.3207

Deuteranomaly

20.3103, 0.3887, 0.3389

Tritanomaly

20.6664, 0.4353, 0.3172

Monochromacy



Original Color

20.5462, 0.4313, 0.3117

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.1016, 0.3525, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.5462, 0.4313, 0.3117 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, 96, 109)` looks like.

```
.text, #text, p{  
    color:rgb(191, 96, 109)  
}
```

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, 96, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 96, 109) }
```

Border

The CSS property to change the border of an element to Yxy 20.5462, 0.4313, 0.3117 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, 96, 109) }
```

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

```
.border{ border-color:rgb(191, 96, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 96, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 96, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 96, 109);  
box-shadow:4px 4px 4px 4px rgb(191, 96,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 20.5462, 0.4313, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 96, 109) }
```

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

```
.background{ background-color: rgb(191, 96,  
109) }
```

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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