

Converting Colors

$Y_{xy}(20.1443, 0.4191, 0.3185)$

Have a look what the booklet for
Yxy(20.1443, 0.4191, 0.3185)
contains.

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Color

Yxy(20.1421, 0.4190, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	B6646C
RGB	182, 100, 108
RGB Percent	71%, 39%, 42%
CMY	0.2863, 0.6078, 0.5764
CMYK	0.00, 0.45, 0.41, 0.29
HSL	354°, 36%, 55%
HSV	354°, 45%, 71%
XYZ	26.5561, 20.1421, 16.6816
YIQ	125.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

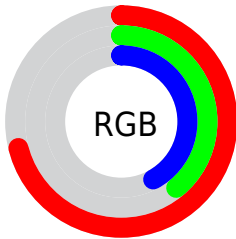
Format	Color
R_{YB}	182, 100, 108
Decimal	11953260
CIE Lab	52.00, 33.78, 10.22
CIE LCh	52, 35.292, 16.832
Yxy	20.1421, 0.4190, 0.3178
Android (android.graphics.Color)	4290143340 (0xFFB6646C)
YUV	125.4300, -8.5930, 49.6119
Hunter-Lab	44.8800, 27.0812, 9.3783

Details

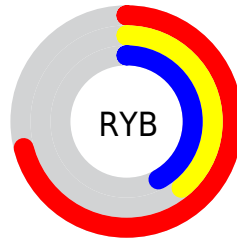
The Yxy color **20.1421, 0.4190, 0.3178** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.2203, 0.2578, 0.3414**, and the grayscale version is **20.6797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4849, 0.3949, 0.3214**, and **7.0537, 0.4631, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **16.7157, 0.4575, 0.3159**, and if you desaturate by 10%, it is **24.4162, 0.3863, 0.3202**.

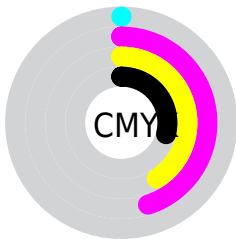
Distribution



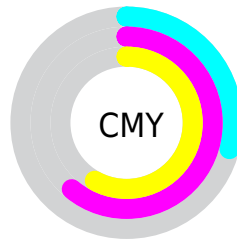
- Red (71%)
- Green (39%)
- Blue (42%)



- Red (71%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (45%)
- Yellow (41%)
- Black (29%)





- Cyan (29%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.1421, 0.4190, 0.3178 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 20.1421, 0.4190, 0.3178 by changing the saturation by 10% instead.


 20.1421, 0.4190,
0.3178


 20.1421, 0.4190,
0.3178

252.6833, 0.3580,
0.3257


 12.4984, 0.4374,
0.3146


 43.6553, 0.3946,
0.3214

 7.0841, 0.4633,
0.3097


 60.2936, 0.3862,
0.3226

 3.5147, 0.5020,
0.3009

 80.6988, 0.3793,
0.3234

 1.4060, 0.5672,
0.2846

 105.2554, 0.3736,
0.3241

 0.2211, 0.8260,
0.1740

134.3478, 0.3688,
0.3246

 0.0000, 0.0000,
0.0000

168.3603, 0.3647,

0.3251

207.6773, 0.3611,
0.3254

■ 20.1421, 0.4190,
0.3178

■ 20.1421, 0.4190,
0.3178

■ 16.7157, 0.4575,
0.3159

■ 24.4162, 0.3863,
0.3202

■ 14.0777, 0.5008,
0.3151

■ 29.5860, 0.3595,
0.3228

■ 12.1660, 0.5456,
0.3157


■ 35.6997, 0.3377,
0.3254


■ 10.9078, 0.5866,
0.3181

■ 42.8009, 0.3202,
0.3278


■ 10.2147, 0.6175,
0.3222

■ 50.9308, 0.3061,
0.3301

 9.9880, 0.6287,
0.3237

 60.1280, 0.2947,
0.3322

 70.4293, 0.2855,
0.3341

 81.8696, 0.2779,
0.3358

 88.6850, 0.2711,
0.3289

Harmonies

Analogous

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



20.1421, 0.3628, 0.2737



20.1421, 0.4190, 0.3178



20.1421, 0.4426, 0.3673

Triad

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



20.1421, 0.4190, 0.3178



20.1421, 0.3183, 0.4412



20.1421, 0.2068, 0.2365

Complementary

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



20.1421, 0.4190, 0.3178



39.2203, 0.2578, 0.3414

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.



20.1421, 0.1980, 0.2696



20.1421, 0.4190, 0.3178



20.1421, 0.2581, 0.3947

Square

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



20.1421, 0.4190, 0.3178



20.1421, 0.3802, 0.4450



20.1421, 0.2153, 0.3271



20.1421, 0.2405, 0.2283

Rectangle

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



20.1421, 0.4190, 0.3178



20.1421, 0.4361, 0.3994



20.1421, 0.2153, 0.3271



20.1421, 0.2010, 0.2446

Sweetspot

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



20.1431, 0.4190, 0.3178



65.7064, 0.3362, 0.3256



21.4680, 0.3082, 0.2176



13.9452, 0.3404, 0.3250



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



20.1431, 0.4190, 0.3178



30.3822, 0.4570, 0.3160



27.5859, 0.4084, 0.3761



9.0261, 0.3273, 0.3268



7.0582, 0.6270, 0.3227



0.2536, 0.5823, 0.2982

Inverse Universe

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



20.1431, 0.4190, 0.3178



30.3822, 0.4570, 0.3160



27.6454, 0.2437, 0.2753



9.0261, 0.3273, 0.3268



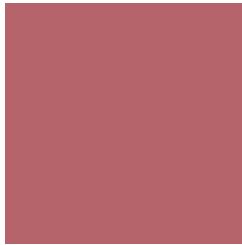
7.0582, 0.6270, 0.3227



0.2536, 0.5823, 0.2982

Previews

White Background



This preview shows how the Yxy color 20.1421, 0.4190, 0.3178 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 20.1421, 0.4190, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

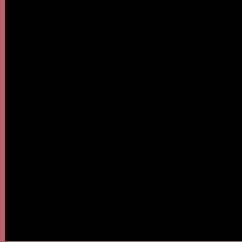
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.1421, 0.4190, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 20.1421, 0.4190, 0.3178.



This preview shows how white text looks on a background with the Yxy color 20.1421, 0.4190, 0.3178.

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

20.1421, 0.4190, 0.3178

Protanopia

20.3850, 0.3210, 0.3345

Deuteranopia

20.2925, 0.3608, 0.3555



Tritanopia

20.1210, 0.4205, 0.3193

Trichromacy



Original Color

20.1421, 0.4190, 0.3178

Protanomaly

19.8183, 0.3551, 0.3274

Deuteranomaly

20.0190, 0.3815, 0.3408

Tritanomaly

20.1210, 0.4205, 0.3193

Monochromacy



Original Color

20.1421, 0.4190, 0.3178

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9337, 0.3483, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1421, 0.4190, 0.3178 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(182, 100, 108)` looks like.

```
.text, #text, p{  
    color:rgb(182, 100, 108)  
}
```

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(182, 100, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 100, 108) }
```

Border

The CSS property to change the border of an element to Yxy 20.1421, 0.4190, 0.3178 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(182, 100, 108) }
```

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

```
.border{ border-color:rgb(182, 100, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 100, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 100, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 100, 108);  
box-shadow:4px 4px 4px 4px rgb(182, 100,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1421, 0.4190, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 100, 108) }
```

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

```
.background{ background-color: rgb(182,  
100, 108) }
```

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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