

Converting Colors

$Y_{xy}(20.9845, 0.4169, 0.3249)$

Have a look what the booklet for
Yxy(20.9845, 0.4169, 0.3249)
contains.

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Color

Yxy(20.9072, 0.4181, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	B6686B
RGB	182, 104, 107
RGB Percent	71%, 41%, 42%
CMY	0.2863, 0.5921, 0.5804
CMYK	0.00, 0.43, 0.41, 0.29
HSL	358°, 35%, 56%
HSV	358°, 43%, 71%
XYZ	26.8963, 20.9072, 16.5263
YIQ	127.6640, 45.5250, 17.4690

Conversions

Conversions Part 2

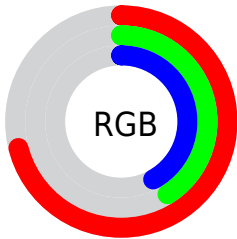
Format	Color
R_{YB}	182, 104, 107
Decimal	11954283
CIE Lab	52.85, 31.50, 12.02
CIE LCh	53, 33.719, 20.881
Yxy	20.9072, 0.4181, 0.3250
Android (android.graphics.Color)	4290144363 (0xFFB6686B)
YUV	127.6640, -10.1874, 47.6527
Hunter-Lab	45.7244, 24.9808, 10.5777

Details

The Yxy color **20.9072, 0.4181, 0.3250** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.6565, 0.2571, 0.3334**, and the grayscale version is **21.4886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7708, 0.3944, 0.3270**, and **7.4942, 0.4603, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **17.2993, 0.4580, 0.3243**, and if you desaturate by 10%, it is **25.3825, 0.3845, 0.3259**.

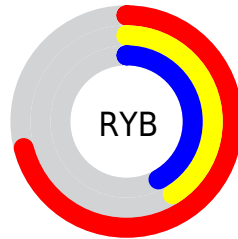
Distribution



Red (71%)

Green (41%)

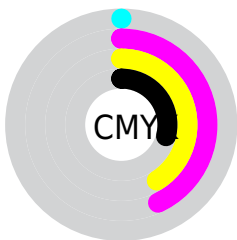
Blue (42%)



Red (71%)

Yellow (41%)

Blue (42%)

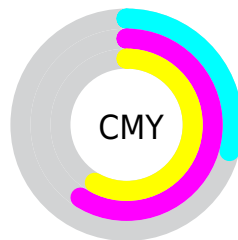


Cyan (0%)

Magenta (43%)

Yellow (41%)

Black (29%)



Cyan (29%)

Magenta (59%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.9072, 0.4181, 0.3250 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 20.9072, 0.4181, 0.3250 by changing the saturation by 10% instead.


 20.9072, 0.4181,
0.3250

 20.9072, 0.4181,
0.3250

256.7849, 0.3579,
0.3290


 13.0562, 0.4361,
0.3230


 44.9330, 0.3941,
0.3271

 7.4672, 0.4614,
0.3195


 61.8767, 0.3858,
0.3277

 3.7560, 0.4988,
0.3129

 82.6199, 0.3790,
0.3281

 1.5380, 0.5616,
0.3001

 107.5472, 0.3733,
0.3284

 0.3153, 0.7756,
0.2244

137.0430, 0.3686,
0.3286

 0.0000, 1.0000,
0.0000

171.4916, 0.3645,

 0.0000, 0.0000,

0.3288

0.0000

211.2774, 0.3610,
0.3289

■ 20.9072, 0.4181,
0.3250

■ 20.9072, 0.4181,
0.3250

■ 17.2993, 0.4580,
0.3243

■ 25.3825, 0.3845,
0.3259

■ 14.4997, 0.5029,
0.3240

■ 30.7730, 0.3570,
0.3269

■ 12.4470, 0.5495,
0.3244


■ 37.1266, 0.3349,
0.3278


■ 11.0697, 0.5915,
0.3254

■ 44.4873, 0.3171,
0.3288

■ 10.2823, 0.6222,
0.3271


■ 52.8960, 0.3029,
0.3296

 9.9611, 0.6360,
0.3277

 62.3915, 0.2914,
0.3304

 73.0108, 0.2820,
0.3311

 84.7889, 0.2744,
0.3317

 88.6858, 0.2711,
0.3289

Harmonies

Analogous

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



20.9072, 0.3683, 0.2817



20.9072, 0.4181, 0.3250



20.9072, 0.4356, 0.3723

Triad

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



20.9072, 0.4181, 0.3250



20.9072, 0.3103, 0.4305



20.9072, 0.2150, 0.2389

Complementary

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



20.9072, 0.4181, 0.3250



39.6565, 0.2571, 0.3334

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.



20.9072, 0.2033, 0.2674



20.9072, 0.4181, 0.3250



20.9072, 0.2545, 0.3826

Square

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



20.9072, 0.4181, 0.3250



20.9072, 0.3697, 0.4403



20.9072, 0.2167, 0.3192



20.9072, 0.2503, 0.2338

Rectangle

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



20.9072, 0.4181, 0.3250



20.9072, 0.4265, 0.4021



20.9072, 0.2167, 0.3192



20.9072, 0.2084, 0.2457

Sweetspot

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



20.9082, 0.4181, 0.3250



66.8571, 0.3356, 0.3278



22.7561, 0.3131, 0.2242



14.1742, 0.3401, 0.3276



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.



20.9082, 0.4181, 0.3250



31.9448, 0.4538, 0.3244



29.4406, 0.3999, 0.3793



9.0177, 0.3282, 0.3282



7.0362, 0.6351, 0.3272



0.2499, 0.6157, 0.3165

Inverse Universe

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



20.9082, 0.4181, 0.3250



31.9448, 0.4538, 0.3244



27.1584, 0.2459, 0.2718



9.0177, 0.3282, 0.3282



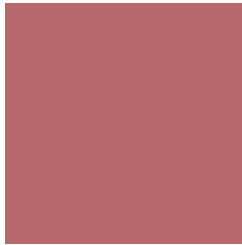
7.0362, 0.6351, 0.3272



0.2499, 0.6157, 0.3165

Previews

White Background



This preview shows how the Yxy color 20.9072, 0.4181, 0.3250 looks on a white background.

Color Contrast Check

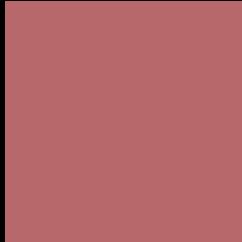
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9072, 0.4181, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

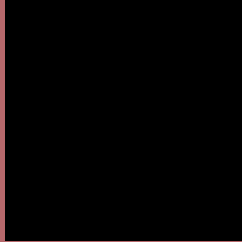
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.9072, 0.4181, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 20.9072, 0.4181, 0.3250.



This preview shows how white text looks on a background with the Yxy color 20.9072, 0.4181, 0.3250.

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

20.9072, 0.4181, 0.3250

Protanopia

21.0550, 0.3278, 0.3435

Deuteranopia

21.1216, 0.3664, 0.3601



Tritanopia

20.7933, 0.4128, 0.3178

Trichromacy



Original Color

20.9072, 0.4181, 0.3250

Protanomaly

20.6558, 0.3593, 0.3359

Deuteranomaly

20.7550, 0.3858, 0.3454

Tritanomaly

20.7714, 0.4143, 0.3192

Monochromacy



Original Color

20.9072, 0.4181, 0.3250

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8456, 0.3487, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.9072, 0.4181, 0.3250 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, 104, 107)` looks like.

```
.text, #text, p{  
    color:rgb(182, 104, 107)  
}
```

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, 104, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 104, 107) }
```

Border

The CSS property to change the border of an element to Yxy 20.9072, 0.4181, 0.3250 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, 104, 107) }
```

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

```
.border{ border-color:rgb(182, 104, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 104, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 104, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 104, 107);  
box-shadow:4px 4px 4px 4px rgb(182, 104,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 20.9072, 0.4181, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 104, 107) }
```

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

```
.background{ background-color: rgb(182,  
104, 107) }
```

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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