

Converting Colors

$Y_{xy}(20.2296, 0.4122, 0.2519)$

Have a look what the booklet for
Yxy(20.2296, 0.4122, 0.2519)
contains.

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Color

Yxy(20.1910, 0.4115, 0.2519)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CF4B8C |
| RGB | 207, 75, 140 |
| RGB Percent | 81%, 29%, 55% |
| CMY | 0.1882, 0.7059, 0.4509 |
| CMYK | 0.00, 0.64, 0.32, 0.19 |
| HSL | 330°, 58%, 55% |
| HSV | 330°, 64%, 81% |
| XYZ | 32.9837, 20.1910, 26.9801 |
| YIQ | 121.8780, 57.8070, 48.1990 |

Conversions

Conversions Part 2

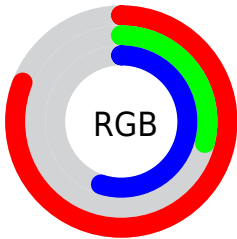
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 207, 75, 140 |
| Decimal | 13585292 |
| CIE _{Lab} | 52.05, 58.03, -8.29 |
| CIE _{LCh} | 52, 58.623, 351.873 |
| Yxy | 20.1910, 0.4115, 0.2519 |
| Android (android.graphics.Color) | 4291775372 (0xFFCF4B8C) |
| YUV | 121.8780, 8.9341, 74.6520 |
| Hunter-Lab | 44.9344, 52.3912, -4.1456 |

Details

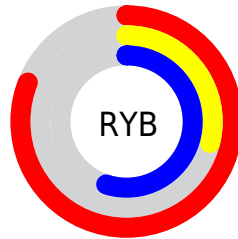
The Yxy color **20.1910, 0.4115, 0.2519** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **48.0745, 0.2700, 0.4314**, and the grayscale version is **19.3773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3876, 0.3779, 0.2646**, and **7.1495, 0.4495, 0.2255** is the 20% darker color. If you saturate the color by 10%, you get **17.5309, 0.4357, 0.2459**, and if you desaturate by 10%, it is **23.7959, 0.3893, 0.2614**.

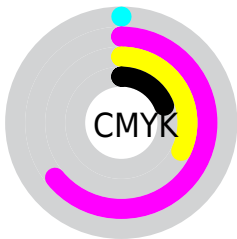
Distribution



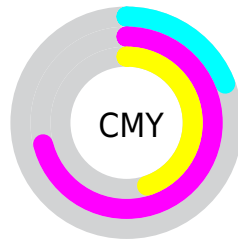
- Red (81%)
- Green (29%)
- Blue (55%)



- Red (81%)
- Yellow (29%)
- Blue (55%)



- Cyan (0%)
- Magenta (64%)
- Yellow (32%)
- Black (19%)





- Cyan (19%)
- Magenta (71%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.1910, 0.4115, 0.2519 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 20.1910, 0.4115, 0.2519 by changing the saturation by 10% instead.


 20.1910, 0.4115,
0.2519


 20.1910, 0.4115,
0.2519

252.9472, 0.3566,
0.2936


 12.5340, 0.4272,
0.2404


 43.7372, 0.3901,
0.2678

 7.1084, 0.4488,
0.2250


 60.3951, 0.3825,
0.2736


 3.5300, 0.4799,
0.2035

 80.8221, 0.3763,
0.2784

 1.4143, 0.5284,
0.1715

 105.4026, 0.3711,
0.2824

 0.2272, 0.6439,
0.0768

 134.5210, 0.3666,
0.2858

 0.0000, 1.0000,
0.0000

168.5616, 0.3628,

 0.0000, 0.0000,

0.2888

0.0000

207.9089, 0.3595,
0.2913

■ 20.1910, 0.4115,
0.2519

■ 20.1910, 0.4115,
0.2519

■ 17.5309, 0.4357,
0.2459

■ 23.7959, 0.3893,
0.2614

■ 15.7194, 0.4609,
0.2446

■ 28.4233, 0.3695,
0.2731

■ 14.6447, 0.4857,
0.2486

■ 34.1463, 0.3525,
0.2860

■ 14.2244, 0.5007,
0.2532

■ 41.0304, 0.3381,
0.2992

■ 49.1359, 0.3260,
0.3121

■ 58.5190, 0.3160,
0.3245

■ 69.2321, 0.3077,
0.3362

■ 81.3250, 0.3009,
0.3470

■ 90.7579, 0.2952,
0.3505

Harmonies

Analogous

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



20.1910, 0.2998, 0.2036



20.1910, 0.4115, 0.2519



20.1910, 0.4994, 0.3154

Triad

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



20.1910, 0.4115, 0.2519



20.1910, 0.3922, 0.5204



20.1910, 0.1397, 0.2182

Complementary

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



20.1910, 0.4115, 0.2519



48.0745, 0.2700, 0.4314

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.



20.1910, 0.1542, 0.3002



20.1910, 0.4115, 0.2519



20.1910, 0.2950, 0.5184

Square

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



20.1910, 0.4115, 0.2519



20.1910, 0.4753, 0.4600



20.1910, 0.2075, 0.4229



20.1910, 0.1584, 0.1816

Rectangle

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



20.1910, 0.4115, 0.2519



20.1910, 0.5215, 0.3619



20.1910, 0.2075, 0.4229



20.1910, 0.1406, 0.2399

Sweetspot

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



20.1921, 0.4115, 0.2519



71.4046, 0.3324, 0.3051



15.2000, 0.2461, 0.1511



14.5024, 0.3360, 0.3013



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



20.1921, 0.4115, 0.2519



26.7313, 0.4461, 0.2447



18.8058, 0.5174, 0.3296



11.9039, 0.3214, 0.3176



8.9809, 0.4976, 0.2515



0.5182, 0.4566, 0.2289

Inverse Universe

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



20.1921, 0.4115, 0.2519



26.7313, 0.4461, 0.2447



50.6274, 0.2369, 0.3288



11.9039, 0.3214, 0.3176



8.9809, 0.4976, 0.2515



0.5182, 0.4566, 0.2289

Previews

White Background



This preview shows how the Yxy color 20.1910, 0.4115, 0.2519 looks on a white background.

Color Contrast Check

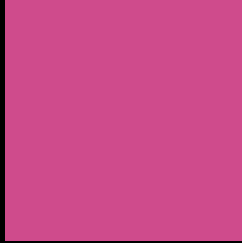
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1910, 0.4115, 0.2519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

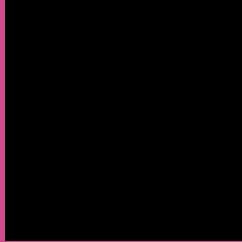
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.1910, 0.4115, 0.2519

Background



This preview shows how black text looks on a background with the Yxy color 20.1910, 0.4115, 0.2519.



This preview shows how white text looks on a background with the Yxy color 20.1910, 0.4115, 0.2519.

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

20.1910, 0.4115, 0.2519

Protanopia

20.4980, 0.2509, 0.2442

Deuteranopia

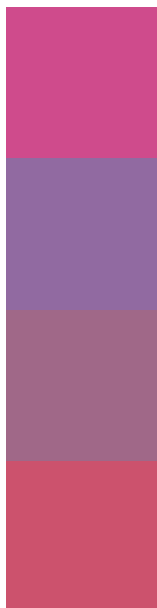
20.3547, 0.3137, 0.3078



Tritanopia

20.1248, 0.4786, 0.3223

Trichromacy



Original Color

20.1910, 0.4115, 0.2519

Protanomaly

18.9010, 0.2971, 0.2414

Deuteranomaly

19.1518, 0.3474, 0.2785

Tritanomaly

19.9761, 0.4554, 0.2965

Monochromacy



Original Color

20.1910, 0.4115, 0.2519

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.4604, 0.3473, 0.2895

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1910, 0.4115, 0.2519 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(207, 75, 140)` looks like.

```
.text, #text, p{  
    color:rgb(207, 75, 140)  
}
```

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(207, 75, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 75, 140) }
```

Border

The CSS property to change the border of an element to Yxy 20.1910, 0.4115, 0.2519 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(207, 75, 140) }
```

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

```
.border{ border-color:rgb(207, 75, 140) }
```

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

Here you see how a box with a 4 pixel rgb(207, 75, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 75, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 75, 140);  
box-shadow:4px 4px 4px 4px rgb(207, 75,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1910, 0.4115, 0.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 75, 140) }
```

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

```
.background{ background-color: rgb(207, 75,  
140) }
```

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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