

Converting Colors

$Y_{xy}(19.5330, 0.4082, 0.2712)$

Have a look what the booklet for
Yxy(19.5330, 0.4082, 0.2712)
contains.

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Color

Yxy(19.5513, 0.4092, 0.2715)

Conversions

Conversions Part 1

Format	Color
Hex	C25581
RGB	194, 85, 129
RGB Percent	76%, 33%, 51%
CMY	0.2391, 0.6668, 0.4941
CMYK	0.00, 0.56, 0.34, 0.24
HSL	336°, 47%, 55%
HSV	336°, 56%, 76%
XYZ	29.4674, 19.5513, 22.9935
YIQ	122.6070, 50.8400, 36.7920

Conversions

Conversions Part 2

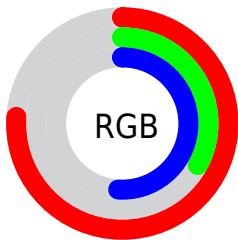
Format	Color
RYB	194, 85, 129
Decimal	12735873
CIELab	51.33, 48.21, -3.02
CIElCh	51, 48.302, 356.415
Yxy	19.5513, 0.4092, 0.2715
Android (android.graphics.Color)	4290925953 (0xFFC25581)
YUV	122.6070, 3.1517, 62.6117
Hunter-Lab	44.2169, 41.5780, 0.1200

Details

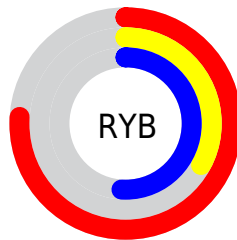
The Yxy color **19.5513, 0.4092, 0.2715** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **42.7335, 0.2671, 0.3998**, and the grayscale version is **19.6463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7253, 0.3870, 0.2842**, and **6.8261, 0.4477, 0.2499** is the 20% darker color. If you saturate the color by 10%, you get **16.6154, 0.4369, 0.2647**, and if you desaturate by 10%, it is **23.3615, 0.3847, 0.2806**.

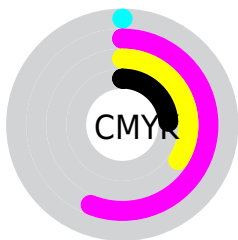
Distribution



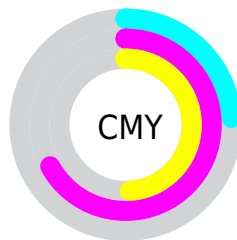
- Red (76%)
- Green (33%)
- Blue (51%)



- Red (76%)
- Yellow (33%)
- Blue (51%)



- Cyan (0%)
- Magenta (56%)
- Yellow (34%)
- Black (24%)





- Cyan (24%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5513, 0.4092, 0.2715 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 19.5513, 0.4092, 0.2715 by changing the saturation by 10% instead.


 19.5513, 0.4092,
0.2715

 19.5513, 0.4092,
0.2715

249.4756, 0.3546,
0.3036


 12.0693, 0.4254,
0.2622


 42.6636, 0.3876,
0.2841


 6.7909, 0.4479,
0.2494


 59.0627, 0.3801,
0.2885


 3.3317, 0.4812,
0.2306

 79.2030, 0.3739,
0.2922

 1.3072, 0.5350,
0.2011

 103.4688, 0.3687,
0.2952

 0.1468, 0.7316,
0.0761

 132.2446, 0.3644,
0.2978

 0.0000, 1.0000,
0.0000

165.9147, 0.3607,

 0.0000, 0.0000,

0.3000

0.0000

204.8636, 0.3574,
0.3019

■ 19.5513, 0.4092,
0.2715

■ 19.5513, 0.4092,
0.2715

■ 16.6154, 0.4369,
0.2647

■ 23.3615, 0.3847,
0.2806

■ 14.4794, 0.4668,
0.2616

■ 28.1064, 0.3637,
0.2911

■ 13.0612, 0.4973,
0.2632

■ 33.8446, 0.3460,
0.3019

■ 12.2548, 0.5264,
0.2700

■ 40.6289, 0.3313,
0.3126

■ 12.0298, 0.5371,
0.2732

■ 48.5084, 0.3191,
0.3229

■ 57.5290, 0.3092,
0.3326

■ 67.7341, 0.3010,
0.3415

■ 79.1648, 0.2943,
0.3498

■ 88.8854, 0.2885,
0.3525

Harmonies

Analogous

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



19.5513, 0.3167, 0.2257



19.5513, 0.4092, 0.2715



19.5513, 0.4757, 0.3299

Triad

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



19.5513, 0.4092, 0.2715



19.5513, 0.3729, 0.4942



19.5513, 0.1628, 0.2288

Complementary

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



19.5513, 0.4092, 0.2715



42.7335, 0.2671, 0.3998

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.



19.5513, 0.1723, 0.2943



19.5513, 0.4092, 0.2715



19.5513, 0.2887, 0.4753

Square

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



19.5513, 0.4092, 0.2715



19.5513, 0.4460, 0.4549



19.5513, 0.2155, 0.3911



19.5513, 0.1839, 0.1997

Rectangle

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



19.5513, 0.4092, 0.2715



19.5513, 0.4899, 0.3720



19.5513, 0.2155, 0.3911



19.5513, 0.1624, 0.2463

Sweetspot

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



19.5523, 0.4092, 0.2715



72.1812, 0.3327, 0.3115



16.7407, 0.2664, 0.1762



15.2297, 0.3355, 0.3093



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.



19.5523, 0.4092, 0.2715



29.2675, 0.4423, 0.2638



20.1461, 0.4725, 0.3411



10.1438, 0.3227, 0.3197



7.9209, 0.5337, 0.2714



0.3559, 0.4751, 0.2391

Inverse Universe

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



19.5523, 0.4092, 0.2715



29.2675, 0.4423, 0.2638



40.5043, 0.2397, 0.3150



10.1438, 0.3227, 0.3197



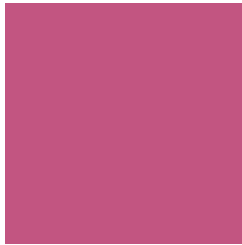
7.9209, 0.5337, 0.2714



0.3559, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 19.5513, 0.4092, 0.2715 looks on a white background.

Color Contrast Check

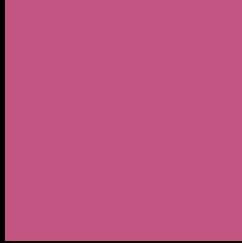
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5513, 0.4092, 0.2715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

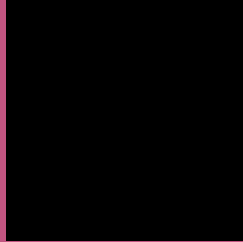
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5513, 0.4092, 0.2715

Background



This preview shows how black text looks on a background with the Yxy color 19.5513, 0.4092, 0.2715.



This preview shows how white text looks on a background with the Yxy color 19.5513, 0.4092, 0.2715.

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

19.5513, 0.4092, 0.2715

Protanopia

19.8991, 0.2745, 0.2755

Deuteranopia

19.7172, 0.3258, 0.3201



Tritanopia

19.4404, 0.4517, 0.3201

Trichromacy



Original Color

19.5513, 0.4092, 0.2715

Protanomaly

18.8802, 0.3155, 0.2707

Deuteranomaly

19.0897, 0.3549, 0.2980

Tritanomaly

19.4554, 0.4368, 0.3027

Monochromacy



Original Color

19.5513, 0.4092, 0.2715

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

18.8075, 0.3463, 0.3020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5513, 0.4092, 0.2715 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(194, 85, 129)` looks like.

```
.text, #text, p{  
    color:rgb(194, 85, 129)  
}
```

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(194, 85, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 85, 129) }
```

Border

The CSS property to change the border of an element to Yxy 19.5513, 0.4092, 0.2715 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(194, 85, 129) }
```

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

```
.border{ border-color:rgb(194, 85, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 85, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 85, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 85, 129);  
box-shadow:4px 4px 4px 4px rgb(194, 85,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5513, 0.4092, 0.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 85, 129) }
```

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

```
.background{ background-color: rgb(194, 85,  
129) }
```

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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