

Converting Colors

$Yxy(19.5355, 0.4506, 0.2714)$

Have a look what the booklet for
Yxy(19.5355, 0.4506, 0.2714)
contains.

Yxy(19.6097, 0.4497, 0.2713)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.6097, 0.4497, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	D34679
RGB	211, 70, 121
RGB Percent	83%, 27%, 47%
CMY	0.1726, 0.7254, 0.5254
CMYK	0.00, 0.67, 0.43, 0.17
HSL	338°, 62%, 55%
HSV	338°, 67%, 83%
XYZ	32.5045, 19.6097, 20.1663
YIQ	117.9730, 67.6650, 45.7530

Conversions

Conversions Part 2

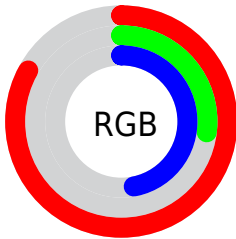
Format	Color
R_{YB}	211, 70, 121
Decimal	13846137
CIE _{Lab}	51.39, 59.17, 2.19
CIE _{LCh}	51, 59.207, 2.121
Yxy	19.6097, 0.4497, 0.2713
Android (android.graphics.Color)	4292036217 (0xFFD34679)
YUV	117.9730, 1.4923, 81.5847
Hunter-Lab	44.2828, 53.5278, 3.9975

Details

The Yxy color **19.6097, 0.4497, 0.2713** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **50.4251, 0.2596, 0.4070**, and the grayscale version is **18.0895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4559, 0.4026, 0.2818**, and **7.0603, 0.4995, 0.2526** is the 20% darker color. If you saturate the color by 10%, you get **17.1105, 0.4825, 0.2695**, and if you desaturate by 10%, it is **23.0841, 0.4192, 0.2769**.

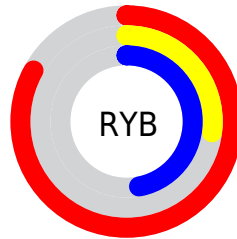
Distribution



Red (83%)

Green (27%)

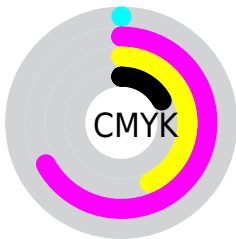
Blue (47%)



Red (83%)

Yellow (27%)

Blue (47%)

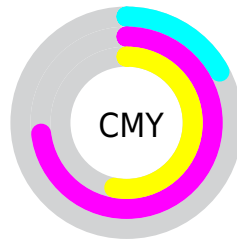


Cyan (0%)

Magenta (67%)

Yellow (43%)

Black (17%)



Cyan (17%)


Magenta (73%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6097, 0.4497, 0.2713 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 19.6097, 0.4497, 0.2713 by changing the saturation by 10% instead.


 19.6097, 0.4497,
0.2713


 19.6097, 0.4497,
0.2713


249.7943, 0.3719,
0.3045


 12.1117, 0.4726,
0.2613


 42.7618, 0.4190,
0.2845

 6.8198, 0.5043,
0.2474


 59.1847, 0.4082,
0.2892

 3.3496, 0.5507,
0.2268

 79.3513, 0.3994,
0.2929

 1.3169, 0.6232,
0.1938

 103.6461, 0.3920,
0.2960

 0.1542, 0.9157,
0.0770

 132.4534, 0.3858,
0.2986

 0.0000, 1.0000,
0.0000

166.1576, 0.3805,

 0.0000, 0.0000,

0.3009

0.0000

205.1431, 0.3759,
0.3028

■ 19.6097, 0.4497,
0.2713

■ 19.6097, 0.4497,
0.2713

■ 17.1105, 0.4825,
0.2695

■ 23.0841, 0.4192,
0.2769

■ 15.4792, 0.5155,
0.2724

■ 27.6196, 0.3921,
0.2848

■ 14.5819, 0.5461,
0.2803


■ 33.2963, 0.3689,
0.2942


■ 14.3742, 0.5553,
0.2833


■ 40.1855, 0.3495,
0.3039

■ 48.3527, 0.3335,
0.3137

 57.8587, 0.3203,
0.3230

 68.7605, 0.3095,
0.3317

 81.1115, 0.3007,
0.3398

 91.7913, 0.2934,
0.3422

Harmonies

Analogous

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



19.6097, 0.3375, 0.2160



19.6097, 0.4497, 0.2713



19.6097, 0.5187, 0.3385

Triad

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



19.6097, 0.4497, 0.2713



19.6097, 0.3596, 0.5337



19.6097, 0.1400, 0.1990

Complementary

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



19.6097, 0.4497, 0.2713



50.4251, 0.2596, 0.4070

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.



19.6097, 0.1427, 0.2650



19.6097, 0.4497, 0.2713



19.6097, 0.2612, 0.4988

Square

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



19.6097, 0.4497, 0.2713



19.6097, 0.4515, 0.4859



19.6097, 0.1824, 0.3800



19.6097, 0.1701, 0.1750

Rectangle

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



19.6097, 0.4497, 0.2713



19.6097, 0.5234, 0.3866



19.6097, 0.1824, 0.3800



19.6097, 0.1372, 0.2156

Sweetspot

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



19.6108, 0.4497, 0.2713



69.7439, 0.3386, 0.3104



16.4866, 0.2618, 0.1525



14.1635, 0.3431, 0.3076



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.



19.6108, 0.4497, 0.2713



25.1033, 0.4960, 0.2700



21.4036, 0.5152, 0.3498



11.8779, 0.3235, 0.3206



8.6935, 0.5514, 0.2811



0.5011, 0.5006, 0.2531

Inverse Universe

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



19.6108, 0.4497, 0.2713



25.1033, 0.4960, 0.2700



43.7905, 0.2283, 0.3014



11.8779, 0.3235, 0.3206



8.6935, 0.5514, 0.2811



0.5011, 0.5006, 0.2531

Previews

White Background



This preview shows how the Yxy color 19.6097, 0.4497, 0.2713 looks on a white background.

Color Contrast Check

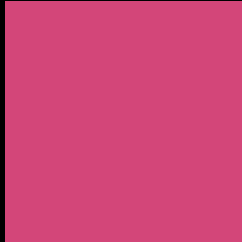
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6097, 0.4497, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

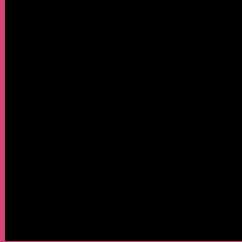
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6097, 0.4497, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 19.6097, 0.4497, 0.2713.



This preview shows how white text looks on a background with the Yxy color 19.6097, 0.4497, 0.2713.

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

19.6097, 0.4497, 0.2713

Protanopia

19.8991, 0.2745, 0.2755

Deuteranopia

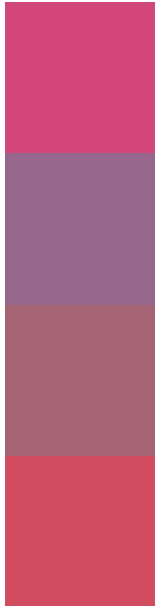
19.8118, 0.3432, 0.3380



Tritanopia

19.4832, 0.5039, 0.3240

Trichromacy



Original Color

19.6097, 0.4497, 0.2713

Protanomaly

18.2029, 0.3290, 0.2671

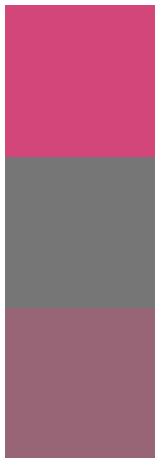
Deuteranomaly

18.5910, 0.3823, 0.3040

Tritanomaly

19.4505, 0.4850, 0.3046

Monochromacy



Original Color

19.6097, 0.4497, 0.2713

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.3147, 0.3613, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6097, 0.4497, 0.2713 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(211, 70, 121)` looks like.

```
.text, #text, p{  
    color:rgb(211, 70, 121)  
}
```

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(211, 70, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 70, 121) }
```

Border

The CSS property to change the border of an element to Yxy 19.6097, 0.4497, 0.2713 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(211, 70, 121) }
```

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

```
.border{ border-color:rgb(211, 70, 121) }
```

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

Here you see how a box with a 4 pixel rgb(211, 70, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 70, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 70, 121);  
box-shadow:4px 4px 4px 4px rgb(211, 70,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6097, 0.4497, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 70, 121) }
```

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

```
.background{ background-color: rgb(211, 70,  
121) }
```

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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