

Converting Colors

$Y_{xy}(16.6057, 0.4479, 0.2372)$

Have a look what the booklet for
Yxy(16.6057, 0.4479, 0.2372)
contains.

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Color

Yxy(16.6095, 0.4484, 0.2375)

Conversions

Conversions Part 1

Format	Color
Hex	D32380
RGB	211, 35, 128
RGB Percent	83%, 14%, 50%
CMY	0.1726, 0.8626, 0.4981
CMYK	0.00, 0.83, 0.39, 0.17
HSL	328°, 72%, 48%
HSV	328°, 83%, 83%
XYZ	31.3587, 16.6095, 21.9665
YIQ	98.2260, 75.0430, 66.2350

Conversions

Conversions Part 2

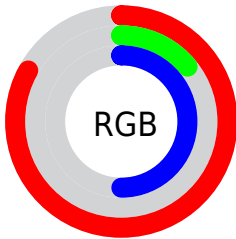
Format	Color
R_{YB}	211, 35, 128
Decimal	13837184
CIE _{Lab}	47.76, 70.65, -7.36
CIE _{LCh}	48, 71.033, 354.052
Yxy	16.6095, 0.4484, 0.2375
Android (android.graphics.Color)	4292027264 (0xFFD32380)
YUV	98.2260, 14.6786, 98.9028
Hunter-Lab	40.7548, 66.0260, -3.4285

Details

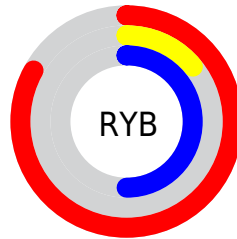
The Yxy color **16.6095, 0.4484, 0.2375** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **48.2532, 0.2711, 0.4799**, and the grayscale version is **12.2271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0989, 0.3999, 0.2510**, and **7.1438, 0.4830, 0.2434** is the 20% darker color. If you saturate the color by 10%, you get **15.4690, 0.4711, 0.2406**, and if you desaturate by 10%, it is **18.5231, 0.4254, 0.2398**.

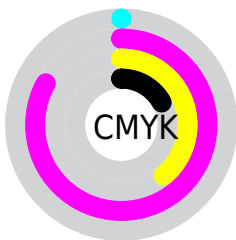
Distribution



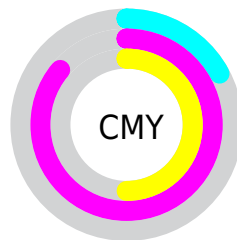
- Red (83%)
- Green (14%)
- Blue (50%)



- Red (83%)
- Yellow (14%)
- Blue (50%)



- Cyan (0%)
- Magenta (83%)
- Yellow (39%)
- Black (17%)





- Cyan (17%)
- Magenta (86%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.6095, 0.4484, 0.2375 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 16.6095, 0.4484, 0.2375 by changing the saturation by 10% instead.


 16.6095, 0.4484,
0.2375


 16.6095, 0.4484,
0.2375


232.9119, 0.3712,
0.2882


 9.9565, 0.4713,
0.2232

 37.6531, 0.4178,
0.2572


 5.3701, 0.5029,
0.2038


 52.8125, 0.4071,
0.2642

 2.4660, 0.5493,
0.1763

 71.5762, 0.3984,
0.2699

 0.8595, 0.6220,
0.1356

 94.3285, 0.3911,
0.2748

 0.0000, 0.8720,
0.0000

 121.4538, 0.3849,
0.2789

 0.0000, 1.0000,
0.0000

 153.3365, 0.3797,

 0.0000, 0.0000,

0.2824

0.0000

190.3611, 0.3751,
0.2855

■ 16.6095, 0.4484,
0.2375

■ 16.6095, 0.4484,
0.2375

■ 15.4690, 0.4711,
0.2406

■ 18.5231, 0.4254,
0.2398

■ 15.0055, 0.4858,
0.2450

■ 21.3241, 0.4034,
0.2467

■ 25.1104, 0.3831,
0.2571

■ 29.9662, 0.3650,
0.2697

■ 35.9666, 0.3494,
0.2834

■ 43.1799, 0.3360,
0.2975

■ 51.6688, 0.3248,
0.3114

■ 61.4919, 0.3155,
0.3247

■ 72.7041, 0.3078,
0.3371

Harmonies

Analogous

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



16.6095, 0.3035, 0.1806



16.6095, 0.4484, 0.2375



16.6095, 0.5556, 0.3096

Triad

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



16.6095, 0.4484, 0.2375



16.6095, 0.3877, 0.5696



16.6095, 0.1069, 0.1843

Complementary

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



16.6095, 0.4484, 0.2375



48.2532, 0.2711, 0.4799

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.



16.6095, 0.1171, 0.2763



16.6095, 0.4484, 0.2375



16.6095, 0.2716, 0.5779

Square

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



16.6095, 0.4484, 0.2375



16.6095, 0.4951, 0.4812



16.6095, 0.1714, 0.4397



16.6095, 0.1307, 0.1492

Rectangle

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



16.6095, 0.4484, 0.2375



16.6095, 0.5728, 0.3615



16.6095, 0.1714, 0.4397



16.6095, 0.1063, 0.2072

Sweetspot

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



16.6104, 0.4484, 0.2375



64.0627, 0.3384, 0.2949



9.6999, 0.2146, 0.1056



12.8509, 0.3430, 0.2899



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.



16.6104, 0.4484, 0.2375



23.0004, 0.4880, 0.2462



15.2120, 0.5975, 0.3262



11.9111, 0.3209, 0.3168



9.0772, 0.4826, 0.2432



0.5235, 0.4450, 0.2225

Inverse Universe

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



16.6104, 0.4484, 0.2375



23.0004, 0.4880, 0.2462



51.3577, 0.2300, 0.3372



11.9111, 0.3209, 0.3168



9.0772, 0.4826, 0.2432



0.5235, 0.4450, 0.2225

Previews

White Background



This preview shows how the Yxy color 16.6095, 0.4484, 0.2375 looks on a white 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

Black Background



This preview shows how the Yxy color 16.6095, 0.4484, 0.2375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

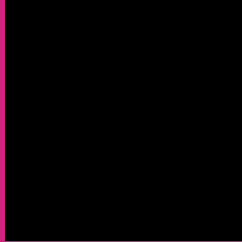
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.6095, 0.4484, 0.2375

Background



This preview shows how black text looks on a background with the Yxy color 16.6095, 0.4484, 0.2375.



This preview shows how white text looks on a background with the Yxy color 16.6095, 0.4484, 0.2375.

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

16.6095, 0.4484, 0.2375

Protanopia

16.9868, 0.2285, 0.2151

Deuteranopia

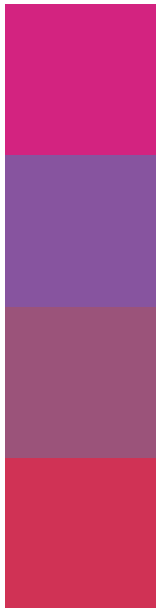
16.9117, 0.3188, 0.3137



Tritanopia

16.7302, 0.5514, 0.3279

Trichromacy



Original Color

16.6095, 0.4484, 0.2375

Protanomaly

13.9947, 0.2860, 0.2061

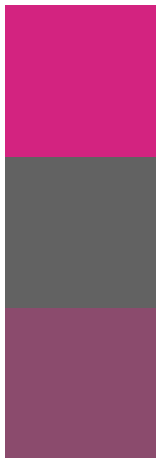
Deuteranomaly

14.5602, 0.3669, 0.2655

Tritanomaly

16.3470, 0.5200, 0.2952

Monochromacy



Original Color

16.6095, 0.4484, 0.2375

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.6252, 0.3667, 0.2677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.6095, 0.4484, 0.2375 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, 35, 128)` looks like.

```
.text, #text, p{  
    color:rgb(211, 35, 128)  
}
```

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, 35, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 35, 128) }
```

Border

The CSS property to change the border of an element to Yxy 16.6095, 0.4484, 0.2375 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, 35, 128) }
```

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

```
.border{ border-color:rgb(211, 35, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 35, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 35, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 35, 128); box-shadow:4px 4px 4px 4px rgb(211, 35, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 16.6095, 0.4484, 0.2375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 35, 128) }
```

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

```
.background{ background-color: rgb(211, 35,  
128) }
```

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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