

Converting Colors

$Y_{xy}(17.4390, 0.5014, 0.2743)$

Have a look what the booklet for
Yxy(17.4390, 0.5014, 0.2743)
contains.

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Color

Yxy(17.4388, 0.5014, 0.2743)

Conversions

Conversions Part 1

Format	Color
Hex	D92B66
RGB	217, 43, 102
RGB Percent	85%, 17%, 40%
CMY	0.1490, 0.8313, 0.5999
CMYK	0.00, 0.80, 0.53, 0.15
HSL	340°, 70%, 51%
HSV	340°, 80%, 85%
XYZ	31.8768, 17.4388, 14.2600
YIQ	101.7520, 84.7650, 55.2370

Conversions

Conversions Part 2

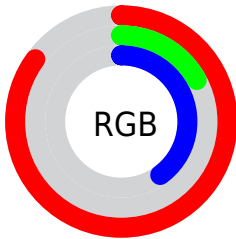
Format	Color
RYB	217, 43, 102
Decimal	14232422
CIELab	48.81, 68.04, 10.17
CIElCh	49, 68.799, 8.502
Yxy	17.4388, 0.5014, 0.2743
Android (android.graphics.Color)	4292422502 (0xFFD92B66)
YUV	101.7520, 0.1223, 101.0725
Hunter-Lab	41.7598, 63.1762, 8.9857

Details

The Yxy color **17.4388, 0.5014, 0.2743** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **52.6055, 0.2550, 0.4195**, and the grayscale version is **13.2054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0753, 0.4344, 0.2833**, and **7.2541, 0.5500, 0.2803** is the 20% darker color. If you saturate the color by 10%, you get **15.9983, 0.5349, 0.2794**, and if you desaturate by 10%, it is **19.7688, 0.4668, 0.2742**.

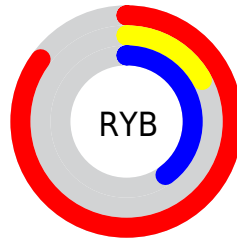
Distribution



Red (85%)

Green (17%)

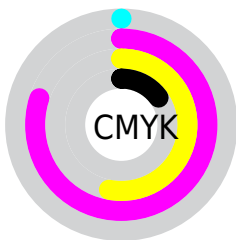
Blue (40%)



Red (85%)

Yellow (17%)

Blue (40%)

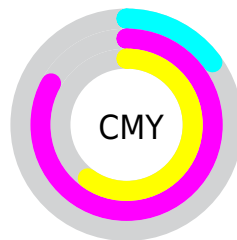


Cyan (0%)

Magenta (80%)

Yellow (53%)

Black (15%)



Cyan (15%)


Magenta (83%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.4388, 0.5014, 0.2743 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 17.4388, 0.5014, 0.2743 by changing the saturation by 10% instead.


 17.4388, 0.5014,
0.2743


 17.4388, 0.5014,
0.2743


237.6885, 0.3924,
0.3086


 10.5478, 0.5338,
0.2628


 39.0787, 0.4580,
0.2888


 5.7637, 0.5785,
0.2461

 54.5964, 0.4429,
0.2935


 2.7019, 0.6425,
0.2201

 73.7585, 0.4305,
0.2974

 0.9782, 0.7540,
0.1811

 96.9494, 0.4203,
0.3004

 0.0000, 1.0000,
0.0000

 124.5534, 0.4117,
0.3030

 0.0000, 0.0000,
0.0000

156.9550, 0.4043,

0.3052

194.5386, 0.3980,
0.3070

■ 17.4388, 0.5014,
0.2743

■ 17.4388, 0.5014,
0.2743

■ 15.9983, 0.5349,
0.2794

■ 19.7688, 0.4668,
0.2742


■ 15.2396, 0.5645,
0.2884

■ 23.1044, 0.4339,
0.2781

■ 27.5470, 0.4043,
0.2848

■ 33.1847, 0.3788,
0.2932

■ 40.0968, 0.3572,
0.3023

 48.3556, 0.3394,
0.3116

 58.0279, 0.3248,
0.3205

 69.1762, 0.3129,
0.3289

 81.8592, 0.3032,
0.3367

Harmonies

Analogous

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



17.4388, 0.3701, 0.2097



17.4388, 0.5014, 0.2743



17.4388, 0.5623, 0.3487

Triad

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



17.4388, 0.5014, 0.2743



17.4388, 0.3338, 0.5786



17.4388, 0.1202, 0.1680

Complementary

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



17.4388, 0.5014, 0.2743



52.6055, 0.2550, 0.4195

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.



17.4388, 0.1141, 0.2282



17.4388, 0.5014, 0.2743



17.4388, 0.2243, 0.5152

Square

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



17.4388, 0.5014, 0.2743



17.4388, 0.4439, 0.5221



17.4388, 0.1456, 0.3539



17.4388, 0.1605, 0.1517

Rectangle

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



17.4388, 0.5014, 0.2743



17.4388, 0.5503, 0.4027



17.4388, 0.1456, 0.3539



17.4388, 0.1145, 0.1821

Sweetspot

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



17.4398, 0.5014, 0.2743



64.6379, 0.3462, 0.3078



13.8171, 0.2515, 0.1282



12.9323, 0.3527, 0.3045



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.



17.4398, 0.5014, 0.2743



22.2755, 0.5554, 0.2855



19.1962, 0.5698, 0.3507



13.1240, 0.3239, 0.3211



9.2436, 0.5607, 0.2863



0.6146, 0.5148, 0.2610

Inverse Universe

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



17.4398, 0.5014, 0.2743



22.2755, 0.5554, 0.2855



42.7409, 0.2185, 0.2906



13.1240, 0.3239, 0.3211



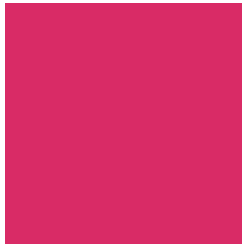
9.2436, 0.5607, 0.2863



0.6146, 0.5148, 0.2610

Previews

White Background



This preview shows how the Yxy color 17.4388, 0.5014, 0.2743 looks on a white background.

Color Contrast Check

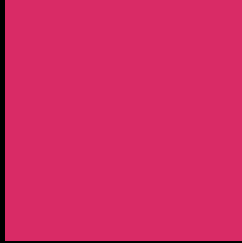
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4388, 0.5014, 0.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

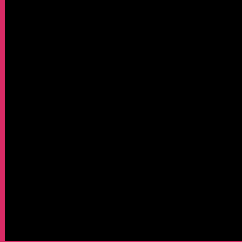
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4388, 0.5014, 0.2743

Background



This preview shows how black text looks on a background with the Yxy color 17.4388, 0.5014, 0.2743.

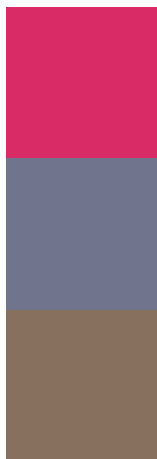


This preview shows how white text looks on a background with the Yxy color 17.4388, 0.5014, 0.2743.

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

17.4388, 0.5014, 0.2743

Protanopia

17.8290, 0.2812, 0.2838

Deuteranopia

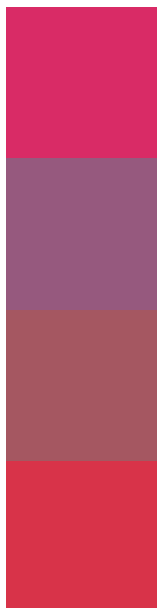
17.6307, 0.3694, 0.3624



Tritanopia

17.4749, 0.5657, 0.3281

Trichromacy



Original Color

17.4388, 0.5014, 0.2743

Protanomaly

15.1351, 0.3515, 0.2671

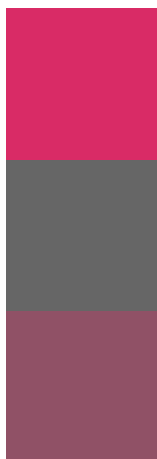
Deuteranomaly

15.6788, 0.4218, 0.3137

Tritanomaly

17.4476, 0.5463, 0.3104

Monochromacy



Original Color

17.4388, 0.5014, 0.2743

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

12.7735, 0.3848, 0.2919

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4388, 0.5014, 0.2743 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(217, 43, 102)` looks like.

```
.text, #text, p{  
    color:rgb(217, 43, 102)  
}
```

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(217, 43, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 43, 102) }
```

Border

The CSS property to change the border of an element to Yxy 17.4388, 0.5014, 0.2743 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(217, 43, 102) }
```

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

```
.border{ border-color:rgb(217, 43, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 43, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 43, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 43, 102);  
box-shadow:4px 4px 4px 4px rgb(217, 43,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4388, 0.5014, 0.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 43, 102) }
```

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

```
.background{ background-color: rgb(217, 43,  
102) }
```

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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