

Converting Colors

$Y_{xy}(17.0093, 0.4534, 0.2507)$

Have a look what the booklet for
Yxy(17.0093, 0.4534, 0.2507)
contains.

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Color

Yxy(17.0744, 0.4538, 0.2510)

Conversions

Conversions Part 1

Format	Color
Hex	D1307A
RGB	209, 48, 122
RGB Percent	82%, 19%, 48%
CMY	0.1803, 0.8119, 0.5216
CMYK	0.00, 0.77, 0.42, 0.18
HSL	332°, 64%, 50%
HSV	332°, 77%, 82%
XYZ	30.8700, 17.0744, 20.0811
YIQ	104.5750, 72.2020, 57.1460

Conversions

Conversions Part 2

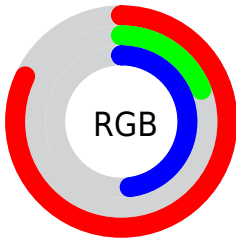
Format	Color
RYB	209, 48, 122
Decimal	13709434
CIELab	48.35, 66.31, -2.89
CIELCh	48, 66.368, 357.506
Yxy	17.0744, 0.4538, 0.2510
Android (android.graphics.Color)	4291899514 (0xFFD1307A)
YUV	104.5750, 8.5905, 91.5807
Hunter-Lab	41.3212, 61.0406, 0.1113

Details

The Yxy color **17.0744, 0.4538, 0.2510** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **47.9905, 0.2652, 0.4482**, and the grayscale version is **13.9637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4679, 0.4066, 0.2648**, and **6.8840, 0.4938, 0.2494** is the 20% darker color. If you saturate the color by 10%, you get **15.4871, 0.4811, 0.2521**, and if you desaturate by 10%, it is **19.5007, 0.4270, 0.2549**.

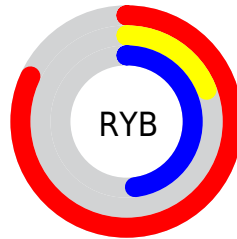
Distribution



Red (82%)

Green (19%)

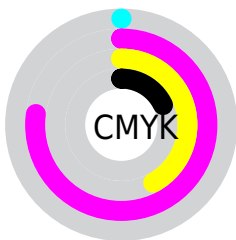
Blue (48%)



Red (82%)

Yellow (19%)

Blue (48%)

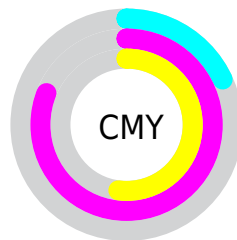


Cyan (0%)

Magenta (77%)

Yellow (42%)

Black (18%)



Cyan (18%)

Magenta (81%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0744, 0.4538, 0.2510 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 17.0744, 0.4538, 0.2510 by changing the saturation by 10% instead.


 17.0744, 0.4538,
0.2510


 17.0744, 0.4538,
0.2510


235.6008, 0.3730,
0.2951


 10.2876, 0.4779,
0.2381


 38.4536, 0.4216,
0.2684


 5.5900, 0.5116,
0.2203


 53.8148, 0.4104,
0.2745


 2.5974, 0.5611,
0.1945

 72.8029, 0.4013,
0.2795

 0.9254, 0.6393,
0.1548

 95.8023, 0.3937,
0.2837

 0.0000, 0.9978,
0.0000

 123.1974, 0.3873,
0.2872

 0.0000, 1.0000,
0.0000

155.3726, 0.3818,

 0.0000, 0.0000,

0.2902

0.0000

192.7122, 0.3771,
0.2928

■ 17.0744, 0.4538,
0.2510

■ 17.0744, 0.4538,
0.2510

■ 15.4871, 0.4811,
0.2521

■ 19.5007, 0.4270,
0.2549

■ 14.6017, 0.5073,
0.2586


■ 22.8644, 0.4022,
0.2626


■ 14.4053, 0.5149,
0.2610


■ 27.2531, 0.3800,
0.2729


■ 32.7433, 0.3607,
0.2847

■ 39.4044, 0.3444,
0.2970

 47.2999, 0.3308,
0.3093

 56.4888, 0.3195,
0.3211

 67.0261, 0.3102,
0.3322

 78.9638, 0.3025,
0.3425

Harmonies

Analogous

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



17.0744, 0.3196, 0.1937



17.0744, 0.4538, 0.2510



17.0744, 0.5451, 0.3220

Triad

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



17.0744, 0.4538, 0.2510



17.0744, 0.3755, 0.5613



17.0744, 0.1179, 0.1874

Complementary

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



17.0744, 0.4538, 0.2510



47.9905, 0.2652, 0.4482

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.



17.0744, 0.1246, 0.2682



17.0744, 0.4538, 0.2510



17.0744, 0.2650, 0.5483

Square

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



17.0744, 0.4538, 0.2510



17.0744, 0.4779, 0.4875



17.0744, 0.1727, 0.4124



17.0744, 0.1448, 0.1572

Rectangle

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



17.0744, 0.4538, 0.2510



17.0744, 0.5559, 0.3731



17.0744, 0.1727, 0.4124



17.0744, 0.1162, 0.2075

Sweetspot

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



17.0754, 0.4538, 0.2510



66.2424, 0.3390, 0.3017



11.7730, 0.2341, 0.1232



13.2574, 0.3442, 0.2972



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.



17.0754, 0.4538, 0.2510



23.3394, 0.4970, 0.2555



16.3490, 0.5747, 0.3341



11.8974, 0.3220, 0.3184



8.8988, 0.5114, 0.2591



0.5135, 0.4675, 0.2349

Inverse Universe

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



17.0754, 0.4538, 0.2510



23.3394, 0.4970, 0.2555



48.2556, 0.2277, 0.3210



11.8974, 0.3220, 0.3184



8.8988, 0.5114, 0.2591



0.5135, 0.4675, 0.2349

Previews

White Background



This preview shows how the Yxy color 17.0744, 0.4538, 0.2510 looks on a white background.

Color Contrast Check

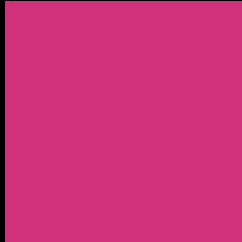
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0744, 0.4538, 0.2510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

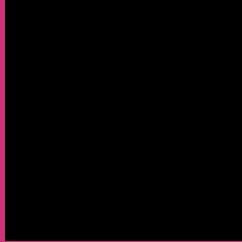
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0744, 0.4538, 0.2510

Background



This preview shows how black text looks on a background with the Yxy color 17.0744, 0.4538, 0.2510.



This preview shows how white text looks on a background with the Yxy color 17.0744, 0.4538, 0.2510.

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

17.0744, 0.4538, 0.2510

Protanopia

17.3883, 0.2472, 0.2404

Deuteranopia

17.3153, 0.3303, 0.3253



Tritanopia

17.1939, 0.5377, 0.3267

Trichromacy



Original Color

17.0744, 0.4538, 0.2510

Protanomaly

15.0259, 0.3062, 0.2322

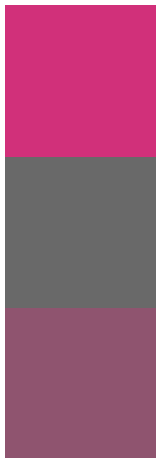
Deuteranomaly

15.5972, 0.3759, 0.2834

Tritanomaly

16.9796, 0.5107, 0.2994

Monochromacy



Original Color

17.0744, 0.4538, 0.2510

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.3280, 0.3665, 0.2812

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0744, 0.4538, 0.2510 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(209, 48, 122)` looks like.

```
.text, #text, p{  
  color:rgb(209, 48, 122)  
}
```

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(209, 48, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 48, 122) }
```

Border

The CSS property to change the border of an element to Yxy 17.0744, 0.4538, 0.2510 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(209, 48, 122) }
```

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

```
.border{ border-color:rgb(209, 48, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 48, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 48, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 48, 122);  
box-shadow:4px 4px 4px 4px rgb(209, 48,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0744, 0.4538, 0.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 48, 122) }
```

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

```
.background{ background-color: rgb(209, 48,  
122) }
```

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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