

Converting Colors

$Y_{xy}(17.8290, 0.5237, 0.2676)$

Have a look what the booklet for
Yxy(17.8290, 0.5237, 0.2676)
contains.

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Color

Yxy(17.7496, 0.5232, 0.2673)

Conversions

Conversions Part 1

Format	Color
Hex	E50765
RGB	229, 7, 101
RGB Percent	90%, 3%, 40%
CMY	0.1019, 0.9728, 0.6038
CMYK	0.00, 0.97, 0.56, 0.10
HSL	335°, 94%, 46%
HSV	335°, 97%, 90%
XYZ	34.7422, 17.7496, 13.9115
YIQ	84.0940, 102.1380, 76.2980

Conversions

Conversions Part 2

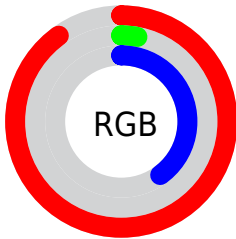
Format	Color
R_{YB}	229, 7, 101
Decimal	15009637
CIE _{Lab}	49.19, 76.50, 11.67
CIE _{LCh}	49, 77.389, 8.670
Yxy	17.7496, 0.5232, 0.2673
Android (android.graphics.Color)	4293199717 (0xFFE50765)
YUV	84.0940, 8.3347, 127.0826
Hunter-Lab	42.1303, 73.4698, 9.9135

Details

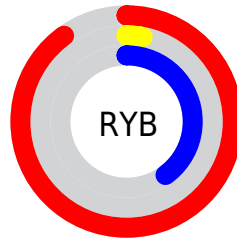
The Yxy color **17.7496, 0.5232, 0.2673** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **57.8382, 0.2648, 0.4715**, and the grayscale version is **8.8448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.7114, 0.4402, 0.2737**, and **8.3828, 0.5628, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **17.5239, 0.5314, 0.2701**, and if you desaturate by 10%, it is **18.8002, 0.4952, 0.2598**.

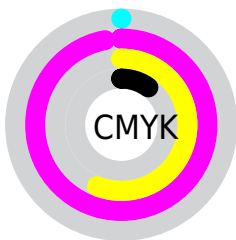
Distribution



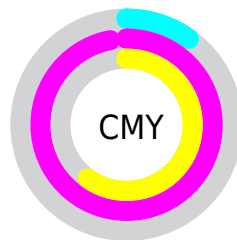
- Red (90%)
- Green (3%)
- Blue (40%)



- Red (90%)
- Yellow (3%)
- Blue (40%)



- Cyan (0%)
- Magenta (97%)
- Yellow (56%)
- Black (10%)




- Cyan (10%)
- Magenta (97%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.7496, 0.5232, 0.2673 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 17.7496, 0.5232, 0.2673 by changing the saturation by 10% instead.


 17.7496, 0.5232,
0.2673


 17.7496, 0.5232,
0.2673


239.4559, 0.4025,
0.3060


 10.7704, 0.5583,
0.2545


 39.6102, 0.4755,
0.2836

 5.9126, 0.6060,
0.2360

 55.2603, 0.4588,
0.2890


 2.7920, 0.6728,
0.2079

 74.5696, 0.4451,
0.2933

 1.0241, 0.7855,
0.1669

 97.9223, 0.4337,
0.2968

 0.0000, 1.0000,
0.0000

 125.7029, 0.4240,
0.2997

 0.0000, 0.0000,
0.0000

 158.2957, 0.4158,

0.3022

196.0853, 0.4087,
0.3042

■ 17.7496, 0.5232,
0.2673

■ 17.7496, 0.5232,
0.2673

■ 17.5239, 0.5314,
0.2701

■ 18.8002, 0.4952,
0.2598

■ 20.7253, 0.4656,
0.2577

■ 23.6904, 0.4364,
0.2607

■ 27.8229, 0.4092,
0.2675

■ 33.2317, 0.3850,
0.2770

■ 40.0131, 0.3641,
0.2879

■ 48.2539, 0.3465,
0.2994

■ 58.0338, 0.3319,
0.3108

■ 69.4268, 0.3198,
0.3217

Harmonies

Analogous

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



17.7496, 0.3760, 0.1994



17.7496, 0.5232, 0.2673



17.7496, 0.5866, 0.3441

Triad

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



17.7496, 0.5232, 0.2673



17.7496, 0.3275, 0.6071



17.7496, 0.1064, 0.1537

Complementary

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



17.7496, 0.5232, 0.2673



57.8382, 0.2648, 0.4715

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.



17.7496, 0.0990, 0.2153



17.7496, 0.5232, 0.2673



17.7496, 0.2112, 0.5408

Square

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



17.7496, 0.5232, 0.2673



17.7496, 0.4476, 0.5349



17.7496, 0.1294, 0.3533



17.7496, 0.1483, 0.1381

Rectangle

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



17.7496, 0.5232, 0.2673



17.7496, 0.5689, 0.4006



17.7496, 0.1294, 0.3533



17.7496, 0.1003, 0.1678

Sweetspot

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



17.7507, 0.5232, 0.2673



59.1008, 0.3501, 0.2969



10.7768, 0.2177, 0.0983



11.6729, 0.3576, 0.2919



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.



17.7507, 0.5232, 0.2673



22.3434, 0.5328, 0.2709



17.2392, 0.6315, 0.3336



14.4688, 0.3226, 0.3191



10.0408, 0.5275, 0.2679



0.7602, 0.4901, 0.2474

Inverse Universe

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



17.7507, 0.5232, 0.2673



22.3434, 0.5328, 0.2709



53.9013, 0.2193, 0.3084



14.4688, 0.3226, 0.3191



10.0408, 0.5275, 0.2679



0.7602, 0.4901, 0.2474

Previews

White Background



This preview shows how the Yxy color 17.7496, 0.5232, 0.2673 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 17.7496, 0.5232, 0.2673 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 17.7496, 0.5232, 0.2673

Background



This preview shows how black text looks on a background with the Yxy color 17.7496, 0.5232, 0.2673.



This preview shows how white text looks on a background with the Yxy color 17.7496, 0.5232, 0.2673.

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

17.7496, 0.5232, 0.2673

Protanopia

18.2087, 0.2732, 0.2736

Deuteranopia

18.2789, 0.3765, 0.3709



Tritanopia

18.0700, 0.6008, 0.3304

Trichromacy



Original Color

17.7496, 0.5232, 0.2673



Protanomaly

13.7895, 0.3540, 0.2440



Deuteranomaly

14.6290, 0.4431, 0.3002



Tritanomaly

17.7205, 0.5818, 0.3095

Monochromacy



Original Color

17.7496, 0.5232, 0.2673



Achromatopsia

8.8656, 0.3127, 0.3290



Achromatomaly

8.8849, 0.4097, 0.2682

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7496, 0.5232, 0.2673 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(229, 7, 101)` looks like.

```
.text, #text, p{  
    color:rgb(229, 7, 101)  
}
```

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(229, 7, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 7, 101) }
```

Border

The CSS property to change the border of an element to Yxy 17.7496, 0.5232, 0.2673 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(229, 7, 101) }
```

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

```
.border{ border-color:rgb(229, 7, 101) }
```

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

Here you see how a box with a 4 pixel rgb(229, 7, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 7, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 7, 101);  
box-shadow:4px 4px 4px 4px rgb(229, 7,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7496, 0.5232, 0.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 7, 101) }
```

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

```
.background{ background-color: rgb(229, 7,  
101) }
```

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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