

Converting Colors

$Y_{xy}(17.4889, 0.5125, 0.2665)$

Have a look what the booklet for
Yxy(17.4889, 0.5125, 0.2665)
contains.

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Color

Yxy(17.4004, 0.5126, 0.2665)

Conversions

Conversions Part 1

Format	Color
Hex	E01667
RGB	224, 22, 103
RGB Percent	88%, 9%, 40%
CMY	0.1217, 0.9131, 0.5961
CMYK	0.00, 0.90, 0.54, 0.12
HSL	336°, 82%, 48%
HSV	336°, 90%, 88%
XYZ	33.4688, 17.4004, 14.4231
YIQ	91.6320, 94.3910, 68.0150

Conversions

Conversions Part 2

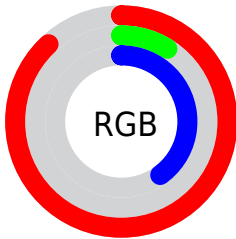
Format	Color
R_{YB}	224, 22, 103
Decimal	14685799
CIE _{Lab}	48.76, 73.94, 9.70
CIE _{LCh}	49, 74.572, 7.477
Yxy	17.4004, 0.5126, 0.2665
Android (android.graphics.Color)	4292875879 (0xFFE01667)
YUV	91.6320, 5.6044, 116.0867
Hunter-Lab	41.7138, 70.2194, 8.6994

Details

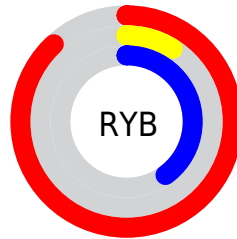
The Yxy color **17.4004, 0.5126, 0.2665** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **55.4561, 0.2609, 0.4528**, and the grayscale version is **10.6027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.3285, 0.4364, 0.2743**, and **7.9768, 0.5545, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **16.5762, 0.5407, 0.2752**, and if you desaturate by 10%, it is **18.9558, 0.4820, 0.2623**.

Distribution



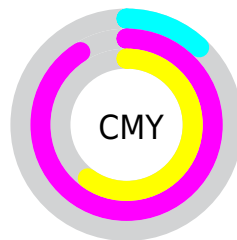
- Red (88%)
- Green (9%)
- Blue (40%)



- Red (88%)
- Yellow (9%)
- Blue (40%)



- Cyan (0%)
- Magenta (90%)
- Yellow (54%)
- Black (12%)




- Cyan (12%)
- Magenta (91%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4004, 0.5126, 0.2665 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 17.4004, 0.5126, 0.2665 by changing the saturation by 10% instead.


 17.4004, 0.5126,
0.2665


 17.4004, 0.5126,
0.2665


237.4693, 0.3976,
0.3051


 10.5204, 0.5465,
0.2539


 39.0129, 0.4670,
0.2826


 5.7453, 0.5928,
0.2357

 54.5142, 0.4510,
0.2880


 2.6908, 0.6586,
0.2080

 73.6581, 0.4379,
0.2923

 0.9725, 0.7686,
0.1667

 96.8289, 0.4271,
0.2959

 0.0000, 1.0000,
0.0000

 124.4110, 0.4180,
0.2988

 0.0000, 0.0000,
0.0000

 156.7888, 0.4102,

0.3012

194.3468, 0.4034,
0.3033

■ 17.4004, 0.5126,
0.2665

■ 17.4004, 0.5126,
0.2665

■ 16.5762, 0.5407,
0.2752

■ 18.9558, 0.4820,
0.2623

■ 21.4578, 0.4511,
0.2634

■ 25.0357, 0.4218,
0.2686

■ 29.7972, 0.3954,
0.2769

■ 35.8371, 0.3725,
0.2869

■ 43.2404, 0.3532,
0.2976

■ 52.0846, 0.3370,
0.3085

■ 62.4416, 0.3237,
0.3190

■ 74.3781, 0.3128,
0.3289

Harmonies

Analogous

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



17.4004, 0.3685, 0.2001



17.4004, 0.5126, 0.2665



17.4004, 0.5795, 0.3425

Triad

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



17.4004, 0.5126, 0.2665



17.4004, 0.3340, 0.5983



17.4004, 0.1093, 0.1590

Complementary

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



17.4004, 0.5126, 0.2665



55.4561, 0.2609, 0.4528

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.



17.4004, 0.1035, 0.2225



17.4004, 0.5126, 0.2665



17.4004, 0.2190, 0.5391

Square

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



17.4004, 0.5126, 0.2665



17.4004, 0.4509, 0.5276



17.4004, 0.1360, 0.3603



17.4004, 0.1493, 0.1418

Rectangle

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



17.4004, 0.5126, 0.2665



17.4004, 0.5658, 0.3980



17.4004, 0.1360, 0.3603



17.4004, 0.1037, 0.1737

Sweetspot

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



17.4014, 0.5126, 0.2665



61.2822, 0.3482, 0.3008



11.5248, 0.2283, 0.1072



12.2985, 0.3541, 0.2970



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.



17.4014, 0.5126, 0.2665



22.2220, 0.5424, 0.2762



17.3503, 0.6148, 0.3375



13.7911, 0.3229, 0.3196



9.6725, 0.5367, 0.2730



0.6878, 0.4960, 0.2506

Inverse Universe

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



17.4014, 0.5126, 0.2665



22.2220, 0.5424, 0.2762



50.2529, 0.2194, 0.3051



13.7911, 0.3229, 0.3196



9.6725, 0.5367, 0.2730



0.6878, 0.4960, 0.2506

Previews

White Background



This preview shows how the Yxy color 17.4004, 0.5126, 0.2665 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 17.4004, 0.5126, 0.2665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

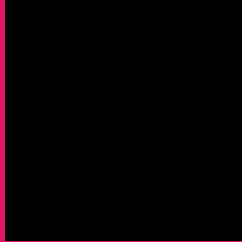
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4004, 0.5126, 0.2665

Background



This preview shows how black text looks on a background with the Yxy color 17.4004, 0.5126, 0.2665.



This preview shows how white text looks on a background with the Yxy color 17.4004, 0.5126, 0.2665.

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

17.4004, 0.5126, 0.2665

Protanopia

17.8486, 0.2709, 0.2714

Deuteranopia

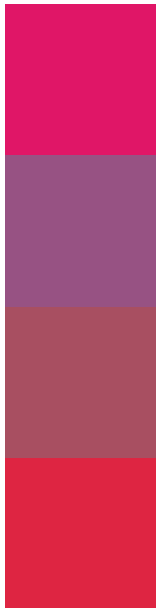
17.6307, 0.3694, 0.3624



Tritanopia

17.4384, 0.5907, 0.3298

Trichromacy



Original Color

17.4004, 0.5126, 0.2665

Protanomaly

14.2526, 0.3469, 0.2487

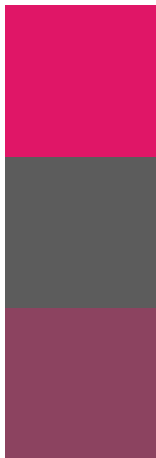
Deuteranomaly

14.7799, 0.4313, 0.3021

Tritanomaly

17.2461, 0.5691, 0.3089

Monochromacy



Original Color

17.4004, 0.5126, 0.2665

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.4343, 0.3965, 0.2771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4004, 0.5126, 0.2665 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(224, 22, 103)` looks like.

```
.text, #text, p{  
    color:rgb(224, 22, 103)  
}
```

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(224, 22, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 22, 103) }
```

Border

The CSS property to change the border of an element to Yxy 17.4004, 0.5126, 0.2665 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(224, 22, 103) }
```

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

```
.border{ border-color:rgb(224, 22, 103) }
```

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

Here you see how a box with a 4 pixel rgb(224, 22, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 22, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 22, 103);  
box-shadow:4px 4px 4px 4px rgb(224, 22,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4004, 0.5126, 0.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 22, 103) }
```

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

```
.background{ background-color: rgb(224, 22,  
103) }
```

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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