

Converting Colors

$Y_{xy}(17.6748, 0.5250, 0.2666)$

Have a look what the booklet for
Yxy(17.6748, 0.5250, 0.2666)
contains.

Yxy(17.5976, 0.5241, 0.2661)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.5976, 0.5241, 0.2661)

Conversions

Conversions Part 1

Format	Color
Hex	E50065
RGB	229, 0, 101
RGB Percent	90%, 0%, 40%
CMY	0.1020, 0.9995, 0.6040
CMYK	0.00, 1.00, 0.56, 0.10
HSL	334°, 100%, 45%
HSV	334°, 100%, 90%
XYZ	34.6595, 17.5976, 13.8744
YIQ	79.9850, 104.0630, 79.9590

Conversions

Conversions Part 2

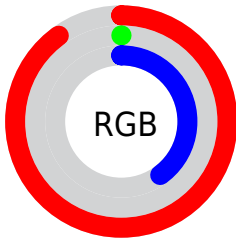
Format	Color
R_{YB}	229, 0, 101
Decimal	15007845
CIE Lab	49.00, 77.03, 11.43
CIE LCh	49, 77.869, 8.444
Yxy	17.5976, 0.5241, 0.2661
Android (android.graphics.Color)	4293197925 (0xFFE50065)
YUV	79.9850, 10.3604, 130.6862
Hunter-Lab	41.9495, 74.0688, 9.7550

Details

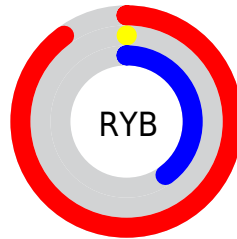
The Yxy color **17.5976, 0.5241, 0.2661** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **57.5983, 0.2673, 0.4823**, and the grayscale version is **7.9970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.3557, 0.4409, 0.2721**, and **8.3828, 0.5628, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **17.5946, 0.5242, 0.2662**, and if you desaturate by 10%, it is **18.4806, 0.4973, 0.2579**.

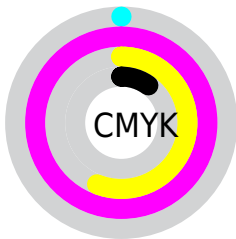
Distribution



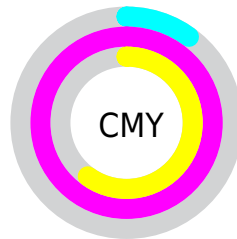
- Red (90%)
- Green (0%)
- Blue (40%)



- Red (90%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5976, 0.5241, 0.2661 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 17.5976, 0.5241, 0.2661 by changing the saturation by 10% instead.


 17.5976, 0.5241,
0.2661


 17.5976, 0.5241,
0.2661


238.5930, 0.4028,
0.3055


 10.6615, 0.5595,
0.2531


 39.3504, 0.4762,
0.2826

 5.8397, 0.6074,
0.2344


 54.9359, 0.4593,
0.2882


 2.7478, 0.6746,
0.2060

 74.1734, 0.4455,
0.2925

 1.0016, 0.7885,
0.1646

 97.4471, 0.4341,
0.2961

 0.0000, 1.0000,
0.0000

 125.1415, 0.4244,
0.2991

 0.0000, 0.0000,
0.0000

 157.6411, 0.4162,

0.3016

195.3301, 0.4090,
0.3037

■ 17.5976, 0.5241,
0.2661

■ 17.5976, 0.5241,
0.2661

■ 17.5946, 0.5242,
0.2662

■ 18.4806, 0.4973,
0.2579

■ 20.1265, 0.4690,
0.2545

■ 22.7670, 0.4405,
0.2564

■ 26.5368, 0.4136,
0.2626

■ 31.5492, 0.3894,
0.2718

■ 37.9037, 0.3683,
0.2829

■ 45.6896, 0.3503,
0.2947

■ 54.9884, 0.3353,
0.3066

■ 65.8754, 0.3229,
0.3181

Harmonies

Analogous

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



17.5976, 0.3753, 0.1981



17.5976, 0.5241, 0.2661



17.5976, 0.5886, 0.3430

Triad

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



17.5976, 0.5241, 0.2661



17.5976, 0.3278, 0.6093



17.5976, 0.1051, 0.1528

Complementary

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



17.5976, 0.5241, 0.2661



57.5983, 0.2673, 0.4823

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.



17.5976, 0.0978, 0.2149



17.5976, 0.5241, 0.2661



17.5976, 0.2109, 0.5443

Square

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



17.5976, 0.5241, 0.2661



17.5976, 0.4489, 0.5352



17.5976, 0.1285, 0.3547



17.5976, 0.1468, 0.1370

Rectangle

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



17.5976, 0.5241, 0.2661



17.5976, 0.5708, 0.3996



17.5976, 0.1285, 0.3547



17.5976, 0.0991, 0.1670

Sweetspot

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



17.5987, 0.5241, 0.2661



58.0641, 0.3507, 0.2944



10.0952, 0.2112, 0.0937



11.4808, 0.3580, 0.2894



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.



17.5987, 0.5241, 0.2661



22.4379, 0.5256, 0.2669



16.9098, 0.6372, 0.3322



14.4730, 0.3224, 0.3187



10.0837, 0.5204, 0.2641



0.7636, 0.4841, 0.2440

Inverse Universe

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



17.5987, 0.5241, 0.2661



22.4379, 0.5256, 0.2669



55.5674, 0.2203, 0.3131



14.4730, 0.3224, 0.3187



10.0837, 0.5204, 0.2641



0.7636, 0.4841, 0.2440

Previews

White Background



This preview shows how the Yxy color 17.5976, 0.5241, 0.2661 looks on a white background.

Color Contrast Check

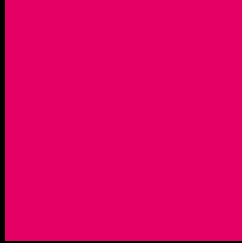
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5976, 0.5241, 0.2661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

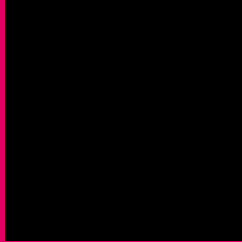
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5976, 0.5241, 0.2661

Background



This preview shows how black text looks on a background with the Yxy color 17.5976, 0.5241, 0.2661.



This preview shows how white text looks on a background with the Yxy color 17.5976, 0.5241, 0.2661.

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

17.5976, 0.5241, 0.2661

Protanopia

18.2087, 0.2732, 0.2736

Deuteranopia

18.0546, 0.3771, 0.3692



Tritanopia

17.9950, 0.6023, 0.3304

Trichromacy



Original Color

17.5976, 0.5241, 0.2661



Protanomaly

13.3793, 0.3547, 0.2396



Deuteranomaly

14.2316, 0.4451, 0.2960



Tritanomaly

17.5370, 0.5833, 0.3080

Monochromacy



Original Color

17.5976, 0.5241, 0.2661



Achromatopsia

8.0220, 0.3127, 0.3290



Achromatomaly

8.1406, 0.4115, 0.2622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5976, 0.5241, 0.2661 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, 0, 101)` looks like.

```
.text, #text, p{  
    color:rgb(229, 0, 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, 0, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 101) }
```

Border

The CSS property to change the border of an element to Yxy 17.5976, 0.5241, 0.2661 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, 0, 101) }
```

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

```
.border{ border-color:rgb(229, 0, 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, 0, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 0, 101);  
box-shadow:4px 4px 4px 4px rgb(229, 0,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5976, 0.5241, 0.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 0, 101) }
```

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

```
.background{ background-color: rgb(229, 0,  
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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