

Converting Colors

Yxy(7.5542, 0.6030, 0.1560)

Have a look what the booklet for
Yxy(7.5542, 0.6030, 0.1560)
contains.

Yxy(17.2317, 0.5260, 0.2671)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.2317, 0.5260, 0.2671)

Conversions

Conversions Part 1

Format	Color
Hex	E30063
RGB	227, 0, 99
RGB Percent	89%, 0%, 39%
CMY	0.1098, 1.0000, 0.6117
CMYK	0.00, 1.00, 0.56, 0.11
HSL	334°, 100%, 45%
HSV	334°, 100%, 89%
XYZ	33.9344, 17.2317, 13.3480
YIQ	79.1590, 103.5130, 78.9130

Conversions

Conversions Part 2

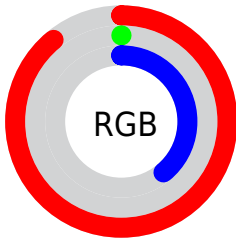
Format	Color
R_{YB}	227, 0, 99
Decimal	14876771
CIE _{Lab}	48.55, 76.47, 11.94
CIE _{LCh}	49, 77.399, 8.875
Yxy	17.2317, 0.5260, 0.2671
Android (android.graphics.Color)	4293066851 (0xFFE30063)
YUV	79.1590, 9.7816, 129.6566
Hunter-Lab	41.5111, 73.2754, 9.9930

Details

The Yxy color **17.2317, 0.5260, 0.2671** 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 **56.5026, 0.2669, 0.4807**, and the grayscale version is **7.8180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2586, 0.4451, 0.2751**, and **8.1496, 0.5656, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **17.2341, 0.5260, 0.2671**, and if you desaturate by 10%, it is **18.0997, 0.4990, 0.2588**.

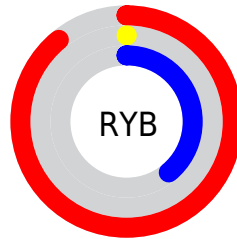
Distribution



Red (89%)

Green (0%)

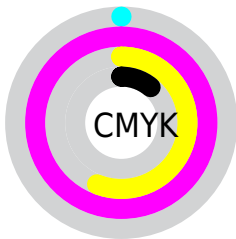
Blue (39%)



Red (89%)

Yellow (0%)

Blue (39%)

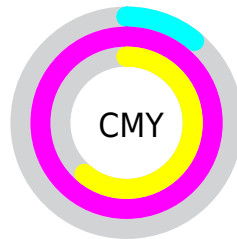


Cyan (0%)

Magenta (100%)

Yellow (56%)

Black (11%)



Cyan (11%)


Magenta (100%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2317, 0.5260, 0.2671 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 17.2317, 0.5260, 0.2671 by changing the saturation by 10% instead.


 17.2317, 0.5260,
0.2671


 17.2317, 0.5260,
0.2671


236.5041, 0.4032,
0.3062


 10.3998, 0.5619,
0.2540


 38.7237, 0.4774,
0.2836


 5.6649, 0.6108,
0.2351

 54.1527, 0.4603,
0.2891


 2.6424, 0.6792,
0.2061

 73.2161, 0.4464,
0.2935

 0.9480, 0.8011,
0.1649

 96.2983, 0.4348,
0.2970

 0.0000, 1.0000,
0.0000

 123.7839, 0.4250,
0.2999

 0.0000, 0.0000,
0.0000

 156.0571, 0.4167,

0.3024

193.5024, 0.4095,
0.3044

■ 17.2317, 0.5260,
0.2671

■ 17.2317, 0.5260,
0.2671

■ 17.2341, 0.5260,
0.2671

■ 18.0997, 0.4990,
0.2588

■ 19.7114, 0.4704,
0.2554

■ 22.2978, 0.4417,
0.2572

■ 25.9906, 0.4146,
0.2633

■ 30.9012, 0.3901,
0.2724

■ 37.1268, 0.3688,
0.2833

■ 44.7549, 0.3507,
0.2950

■ 53.8654, 0.3356,
0.3068

■ 64.5321, 0.3230,
0.3182

Harmonies

Analogous

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



17.2317, 0.3776, 0.1989



17.2317, 0.5260, 0.2671



17.2317, 0.5889, 0.3441

Triad

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



17.2317, 0.5260, 0.2671



17.2317, 0.3260, 0.6099



17.2317, 0.1053, 0.1522

Complementary

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



17.2317, 0.5260, 0.2671



56.5026, 0.2669, 0.4807

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.



17.2317, 0.0976, 0.2135



17.2317, 0.5260, 0.2671



17.2317, 0.2093, 0.5423

Square

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



17.2317, 0.5260, 0.2671



17.2317, 0.4474, 0.5369



17.2317, 0.1276, 0.3520



17.2317, 0.1476, 0.1369

Rectangle

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



17.2317, 0.5260, 0.2671



17.2317, 0.5702, 0.4009



17.2317, 0.1276, 0.3520



17.2317, 0.0991, 0.1662

Sweetspot

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



17.2341, 0.5260, 0.2671



58.0470, 0.3510, 0.2947



9.8959, 0.2112, 0.0937



11.4768, 0.3583, 0.2897



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.



17.2341, 0.5260, 0.2671



22.4128, 0.5275, 0.2680



16.5802, 0.6373, 0.3322



14.4719, 0.3224, 0.3188



10.0723, 0.5223, 0.2651



0.7627, 0.4857, 0.2449

Inverse Universe

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



17.2341, 0.5260, 0.2671



22.4128, 0.5275, 0.2680



54.4849, 0.2203, 0.3131



14.4719, 0.3224, 0.3188



10.0723, 0.5223, 0.2651



0.7627, 0.4857, 0.2449

Previews

White Background



This preview shows how the Yxy color 17.2317, 0.5260, 0.2671 looks on a white background.

Color Contrast Check

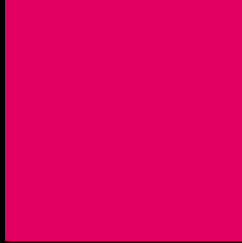
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2317, 0.5260, 0.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

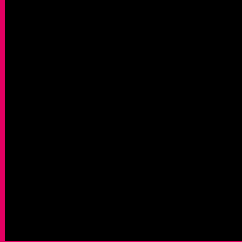
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2317, 0.5260, 0.2671

Background



This preview shows how black text looks on a background with the Yxy color 17.2317, 0.5260, 0.2671.

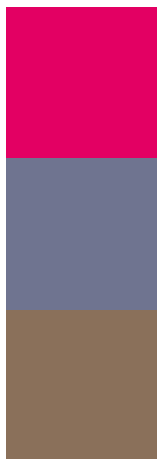


This preview shows how white text looks on a background with the Yxy color 17.2317, 0.5260, 0.2671.

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

17.2317, 0.5260, 0.2671

Protanopia

17.8839, 0.2760, 0.2768

Deuteranopia

17.7298, 0.3776, 0.3694



Tritanopia

17.6651, 0.6025, 0.3310

Trichromacy



Original Color

17.2317, 0.5260, 0.2671



Protanomaly

13.2284, 0.3564, 0.2420



Deuteranomaly

13.8428, 0.4467, 0.2972



Tritanomaly

17.1903, 0.5851, 0.3092

Monochromacy



Original Color

17.2317, 0.5260, 0.2671



Achromatopsia

7.8187, 0.3127, 0.3290



Achromatomaly

7.9396, 0.4149, 0.2637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2317, 0.5260, 0.2671 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(227, 0, 99)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 99)  
}
```

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(227, 0, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 99) }
```

Border

The CSS property to change the border of an element to Yxy 17.2317, 0.5260, 0.2671 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(227, 0, 99) }
```

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

```
.border{ border-color:rgb(227, 0, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 0, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 99);  
box-shadow:4px 4px 4px 4px rgb(227, 0, 99)  
}
```


Background

The CSS property to change the background color of an element to Yxy 17.2317, 0.5260, 0.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 99) }
```

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

```
.background{ background-color: rgb(227, 0,  
99) }
```

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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