

Converting Colors

$Yxy(17.1439, 0.5339, 0.2715)$

Have a look what the booklet for
Yxy(17.1439, 0.5339, 0.2715)
contains.

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Color

Yxy(17.1571, 0.5334, 0.2712)

Conversions

Conversions Part 1

Format	Color
Hex	E3005F
RGB	227, 0, 95
RGB Percent	89%, 0%, 37%
CMY	0.1098, 0.9999, 0.6274
CMYK	0.00, 1.00, 0.58, 0.11
HSL	335°, 100%, 45%
HSV	335°, 100%, 89%
XYZ	33.7448, 17.1571, 12.3617
YIQ	78.7030, 104.7970, 77.6690

Conversions

Conversions Part 2

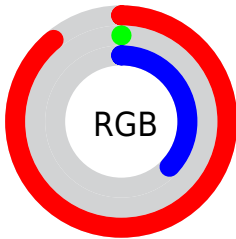
Format	Color
R_{YB}	227, 0, 95
Decimal	14876767
CIE Lab	48.46, 76.21, 14.29
CIE LCh	48, 77.541, 10.620
Yxy	17.1571, 0.5334, 0.2712
Android (android.graphics.Color)	4293066847 (0xFFE3005F)
YUV	78.7030, 8.0344, 130.0565
Hunter-Lab	41.4211, 72.9328, 11.3003

Details

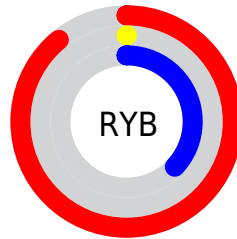
The Yxy color **17.1571, 0.5334, 0.2712** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed red. A complement of this color would be **56.6056, 0.2651, 0.4743**, and the grayscale version is **7.7322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.9586, 0.4510, 0.2783**, and **8.1228, 0.5723, 0.2926** is the 20% darker color. If you saturate the color by 10%, you get **17.1572, 0.5334, 0.2712**, and if you desaturate by 10%, it is **18.0204, 0.5057, 0.2626**.

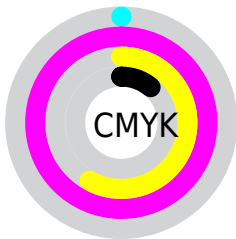
Distribution



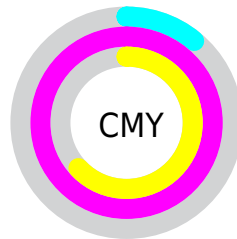
- Red (89%)
- Green (0%)
- Blue (37%)



- Red (89%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (11%)





- Cyan (11%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.1571, 0.5334, 0.2712 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 17.1571, 0.5334, 0.2712 by changing the saturation by 10% instead.


 17.1571, 0.5334,
0.2712


 17.1571, 0.5334,
0.2712


236.0761, 0.4063,
0.3088


 10.3466, 0.5705,
0.2582


 38.5957, 0.4831,
0.2874


 5.6293, 0.6206,
0.2391

 53.9925, 0.4654,
0.2927


 2.6210, 0.6904,
0.2097

 73.0203, 0.4510,
0.2968

 0.9373, 0.8263,
0.1700

 96.0633, 0.4390,
0.3002

 0.0000, 1.0000,
0.0000

 123.5060, 0.4289,
0.3029

 0.0000, 0.0000,
0.0000

 155.7327, 0.4202,

0.3052

193.1280, 0.4128,
0.3071

■ 17.1571, 0.5334,
0.2712

■ 17.1571, 0.5334,
0.2712

■ 17.1572, 0.5334,
0.2712

■ 18.0204, 0.5057,
0.2626

■ 19.6315, 0.4761,
0.2588

■ 22.2196, 0.4462,
0.2602

■ 25.9167, 0.4180,
0.2660

■ 30.8340, 0.3926,
0.2747

■ 37.0691, 0.3705,
0.2851

■ 44.7096, 0.3518,
0.2963

■ 53.8354, 0.3362,
0.3077

■ 64.5205, 0.3233,
0.3186

Harmonies

Analogous

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



17.1571, 0.3871, 0.2020



17.1571, 0.5334, 0.2712



17.1571, 0.5897, 0.3486

Triad

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



17.1571, 0.5334, 0.2712



17.1571, 0.3187, 0.6119



17.1571, 0.1064, 0.1498

Complementary

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



17.1571, 0.5334, 0.2712



56.6056, 0.2651, 0.4743

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.



17.1571, 0.0967, 0.2077



17.1571, 0.5334, 0.2712



17.1571, 0.2028, 0.5336

Square

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



17.1571, 0.5334, 0.2712



17.1571, 0.4406, 0.5431



17.1571, 0.1240, 0.3415



17.1571, 0.1509, 0.1366

Rectangle

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



17.1571, 0.5334, 0.2712



17.1571, 0.5673, 0.4061



17.1571, 0.1240, 0.3415



17.1571, 0.0996, 0.1629

Sweetspot

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



17.1582, 0.5334, 0.2712



57.9789, 0.3522, 0.2961



10.1863, 0.2147, 0.0957



11.4608, 0.3598, 0.2913



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.



17.1582, 0.5334, 0.2712



22.3154, 0.5350, 0.2721



16.6774, 0.6361, 0.3331



14.4676, 0.3227, 0.3192



10.0281, 0.5296, 0.2691



0.7592, 0.4920, 0.2484

Inverse Universe

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



17.1582, 0.5334, 0.2712



22.3154, 0.5350, 0.2721



52.5682, 0.2188, 0.3078



14.4676, 0.3227, 0.3192



10.0281, 0.5296, 0.2691



0.7592, 0.4920, 0.2484

Previews

White Background



This preview shows how the Yxy color 17.1571, 0.5334, 0.2712 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 17.1571, 0.5334, 0.2712 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 17.1571, 0.5334, 0.2712

Background



This preview shows how black text looks on a background with the Yxy color 17.1571, 0.5334, 0.2712.

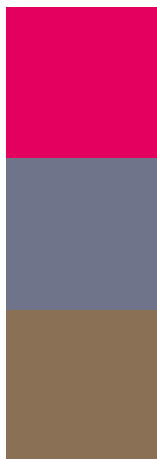


This preview shows how white text looks on a background with the Yxy color 17.1571, 0.5334, 0.2712.

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

17.1571, 0.5334, 0.2712

Protanopia

17.7705, 0.2832, 0.2874

Deuteranopia

17.6475, 0.3843, 0.3785



Tritanopia

17.5212, 0.6056, 0.3309

Trichromacy



Original Color

17.1571, 0.5334, 0.2712



Protanomaly

13.1727, 0.3681, 0.2514



Deuteranomaly

13.7738, 0.4542, 0.3032



Tritanomaly

17.1174, 0.5895, 0.3112

Monochromacy



Original Color

17.1571, 0.5334, 0.2712



Achromatopsia

7.8187, 0.3127, 0.3290



Achromatomaly

7.9236, 0.4173, 0.2655

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1571, 0.5334, 0.2712 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, 95)` looks like.

```
.text, #text, p{  
  color:rgb(227, 0, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 95) }
```

Border

The CSS property to change the border of an element to Yxy 17.1571, 0.5334, 0.2712 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, 95) }
```

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

```
.border{ border-color:rgb(227, 0, 95) }
```

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, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 95);  
box-shadow:4px 4px 4px 4px rgb(227, 0, 95)  
}
```


Background

The CSS property to change the background color of an element to Yxy 17.1571, 0.5334, 0.2712 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, 95) }
```

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

```
.background{ background-color: rgb(227, 0,  
95) }
```

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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