

Converting Colors

$Yxy(17.0999, 0.5839, 0.3076)$

Have a look what the booklet for
Yxy(17.0999, 0.5839, 0.3076)
contains.

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Color

Yxy(17.1185, 0.5844, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	E2173D
RGB	226, 23, 61
RGB Percent	89%, 9%, 24%
CMY	0.1137, 0.9097, 0.7609
CMYK	0.00, 0.90, 0.73, 0.11
HSL	349°, 82%, 49%
HSV	349°, 90%, 89%
XYZ	32.5124, 17.1185, 6.0029
YIQ	88.0290, 108.7900, 54.8540

Conversions

Conversions Part 2

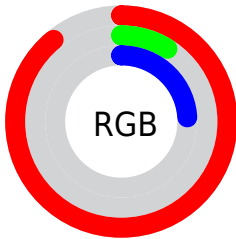
Format	Color
R_{YB}	226, 23, 61
Decimal	14817085
CIE Lab	48.41, 72.06, 34.93
CIE LCh	48, 80.077, 25.862
Yxy	17.1185, 0.5844, 0.3077
Android (android.graphics.Color)	4293007165 (0xFFE2173D)
YUV	88.0290, -13.3253, 121.0006
Hunter-Lab	41.3745, 67.8611, 20.3600

Details

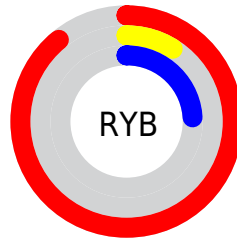
The Yxy color **17.1185, 0.5844, 0.3077** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **58.2080, 0.2414, 0.3836**, and the grayscale version is **9.7814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.8921, 0.4986, 0.3194**, and **7.7284, 0.6241, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **16.3496, 0.6130, 0.3152**, and if you desaturate by 10%, it is **18.6640, 0.5470, 0.3025**.

Distribution



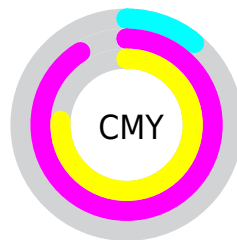
- Red (89%)
- Green (9%)
- Blue (24%)



- Red (89%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (90%)
- Yellow (73%)
- Black (11%)





- Cyan (11%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1185, 0.5844, 0.3077 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 17.1185, 0.5844, 0.3077 by changing the saturation by 10% instead.


 17.1185, 0.5844,
0.3077


 17.1185, 0.5844,
0.3077


235.8543, 0.4301,
0.3325


 10.3190, 0.6259,
0.2948


 38.5294, 0.5251,
0.3213


 5.6110, 0.6784,
0.2737

 53.9096, 0.5037,
0.3249

 2.6100, 0.7572,
0.2428

 72.9189, 0.4859,
0.3274

 0.9317, 0.8197,
0.1803

 95.9415, 0.4711,
0.3292

 0.0000, 1.0000,
0.0000

 123.3620, 0.4585,
0.3304

 0.0000, 0.0000,
0.0000

 155.5647, 0.4477,

0.3313

192.9340, 0.4383,
0.3320

■ 17.1185, 0.5844,
0.3077

■ 17.1185, 0.5844,
0.3077

■ 16.3496, 0.6130,
0.3152

■ 18.6640, 0.5470,
0.3025

■ 16.3376, 0.6134,
0.3153

■ 21.2082, 0.5051,
0.3006

■ 24.8861, 0.4638,
0.3017

■ 29.8109, 0.4261,
0.3050

■ 36.0820, 0.3937,
0.3094

■ 43.7886, 0.3667,
0.3144

■ 53.0124, 0.3447,
0.3195

■ 63.8290, 0.3269,
0.3245

■ 76.3086, 0.3125,
0.3291

Harmonies

Analogous

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



17.1185, 0.4723, 0.2327



17.1185, 0.5844, 0.3077



17.1185, 0.5818, 0.3903

Triad

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



17.1185, 0.5844, 0.3077



17.1185, 0.2543, 0.6064



17.1185, 0.1202, 0.1347

Complementary

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



17.1185, 0.5844, 0.3077



58.2080, 0.2414, 0.3836

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.



17.1185, 0.0934, 0.1669



17.1185, 0.5844, 0.3077



17.1185, 0.1513, 0.4403

Square

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



17.1185, 0.5844, 0.3077



17.1185, 0.3776, 0.5947



17.1185, 0.1000, 0.2591



17.1185, 0.1874, 0.1382

Rectangle

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



17.1185, 0.5844, 0.3077



17.1185, 0.5325, 0.4567



17.1185, 0.1000, 0.2591



17.1185, 0.1074, 0.1407

Sweetspot

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



17.1196, 0.5844, 0.3077



60.5656, 0.3605, 0.3158



16.4701, 0.2755, 0.1329



12.1325, 0.3687, 0.3140



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.



17.1196, 0.5844, 0.3077



21.4707, 0.6147, 0.3160



22.5596, 0.5725, 0.3724



13.7422, 0.3263, 0.3246



9.3335, 0.6101, 0.3135



0.6592, 0.5686, 0.2906

Inverse Universe

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



17.1196, 0.5844, 0.3077



21.4707, 0.6147, 0.3160



32.6236, 0.2012, 0.2382



13.7422, 0.3263, 0.3246



9.3335, 0.6101, 0.3135



0.6592, 0.5686, 0.2906

Previews

White Background



This preview shows how the Yxy color 17.1185, 0.5844, 0.3077 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 17.1185, 0.5844, 0.3077 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 17.1185, 0.5844, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 17.1185, 0.5844, 0.3077.



This preview shows how white text looks on a background with the Yxy color 17.1185, 0.5844, 0.3077.

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

17.1185, 0.5844, 0.3077

Protanopia

17.5141, 0.3558, 0.3799

Deuteranopia

17.3029, 0.4380, 0.4299



Tritanopia

17.1244, 0.6155, 0.3317

Trichromacy



Original Color

17.1185, 0.5844, 0.3077

Protanomaly

14.1762, 0.4508, 0.3341

Deuteranomaly

14.7045, 0.5124, 0.3619

Tritanomaly

17.0395, 0.6068, 0.3244

Monochromacy



Original Color

17.1185, 0.5844, 0.3077

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.6201, 0.4325, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1185, 0.5844, 0.3077 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(226, 23, 61)` looks like.

```
.text, #text, p{  
  color:rgb(226, 23, 61)  
}
```

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(226, 23, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 23, 61) }
```

Border

The CSS property to change the border of an element to Yxy 17.1185, 0.5844, 0.3077 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(226, 23, 61) }
```

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

```
.border{ border-color:rgb(226, 23, 61) }
```

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

Here you see how a box with a 4 pixel rgb(226, 23, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 23, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 23, 61);  
box-shadow:4px 4px 4px 4px rgb(226, 23,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1185, 0.5844, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 23, 61) }
```

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

```
.background{ background-color: rgb(226, 23,  
61) }
```

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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