

Converting Colors

$Yxy(17.4840, 0.6236, 0.3304)$

Have a look what the booklet for
Yxy(17.4840, 0.6236, 0.3304)
contains.

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Color

Yxy(17.5381, 0.6236, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	E61817
RGB	230, 24, 23
RGB Percent	90%, 9%, 9%
CMY	0.0981, 0.9056, 0.9100
CMYK	0.00, 0.90, 0.90, 0.10
HSL	0°, 82%, 50%
HSV	0°, 90%, 90%
XYZ	33.1116, 17.5381, 2.4478
YIQ	85.4800, 123.0970, 43.3610

Conversions

Conversions Part 2

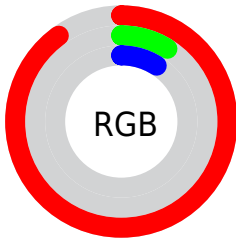
Format	Color
R_{YB}	230, 24, 23
Decimal	15079447
CIE _{Lab}	48.93, 71.94, 55.50
CIE _{LCh}	49, 90.865, 37.650
Yxy	17.5381, 0.6236, 0.3303
Android (android.graphics.Color)	4293269527 (0xFFE61817)
YUV	85.4800, -30.8026, 126.7440
Hunter-Lab	41.8785, 67.8451, 25.8495

Details

The Yxy color **17.5381, 0.6236, 0.3303** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **61.8559, 0.2255, 0.3272**, and the grayscale version is **9.2446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.4503, 0.5400, 0.3517**, and **7.8925, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **16.8484, 0.6398, 0.3302**, and if you desaturate by 10%, it is **19.0470, 0.5922, 0.3304**.

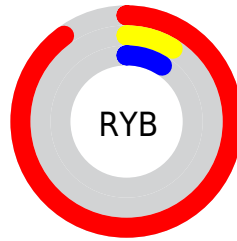
Distribution



Red (90%)

Green (9%)

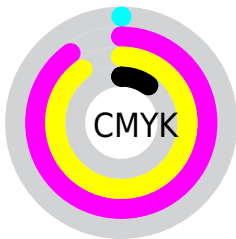
Blue (9%)



Red (90%)

Yellow (9%)

Blue (9%)

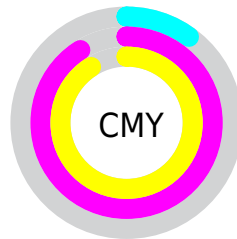


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (10%)



Cyan (10%)


Magenta (91%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5381, 0.6236, 0.3303 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 17.5381, 0.6236, 0.3303 by changing the saturation by 10% instead.


 17.5381, 0.6236,
0.3303


 17.5381, 0.6236,
0.3303


238.2545, 0.4560,
0.3529


 10.6189, 0.6618,
0.3141


 39.2487, 0.5636,
0.3462


 5.8112, 0.7103,
0.2897

 54.8088, 0.5404,
0.3497


 2.7306, 0.7542,
0.2458

 74.0180, 0.5206,
0.3518

 0.9928, 0.8156,
0.1844

 97.2608, 0.5038,
0.3529


 0.0000, 1.0000,
0.0000


 124.9214, 0.4893,
0.3534


 0.0000, 0.0000,
0.0000

 157.3843, 0.4767,

0.3534


 195.0339, 0.4657,
0.3533

 17.5381, 0.6236,
0.3303


 17.5381, 0.6236,
0.3303


 16.8484, 0.6398,
0.3302


 19.0470, 0.5922,
0.3304


 21.6083, 0.5487,
0.3305


 25.3683, 0.5006,
0.3303

 30.4494, 0.4544,
0.3301

 36.9588, 0.4138,
0.3299

 44.9928, 0.3799,
0.3296

 54.6394, 0.3524,
0.3294

 65.9797, 0.3304,
0.3292

 79.0896, 0.3128,
0.3290

Harmonies

Analogous

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



17.5381, 0.5532, 0.2520



17.5381, 0.6236, 0.3303



17.5381, 0.5737, 0.4257

Triad

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



17.5381, 0.6236, 0.3303



17.5381, 0.1932, 0.5933



17.5381, 0.1273, 0.1180

Complementary

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



17.5381, 0.6236, 0.3303



61.8559, 0.2255, 0.3272

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.



17.5381, 0.0856, 0.1336



17.5381, 0.6236, 0.3303



17.5381, 0.1067, 0.3600

Square

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



17.5381, 0.6236, 0.3303



17.5381, 0.3182, 0.6497



17.5381, 0.0774, 0.1987



17.5381, 0.2192, 0.1340

Rectangle

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



17.5381, 0.6236, 0.3303



17.5381, 0.4972, 0.5028



17.5381, 0.0774, 0.1987



17.5381, 0.1090, 0.1193

Sweetspot

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



17.5392, 0.6236, 0.3303



60.1510, 0.3714, 0.3296



23.1445, 0.3208, 0.1572



12.0376, 0.3817, 0.3296



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.



17.5392, 0.6236, 0.3303



21.2902, 0.6398, 0.3302



31.9245, 0.5229, 0.4142



14.3805, 0.3292, 0.3292



9.5453, 0.6397, 0.3303



0.7098, 0.6385, 0.3312

Inverse Universe

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



61.8559, 0.2255, 0.3272



77.8567, 0.2242, 0.3271



20.9358, 0.1834, 0.1733



16.3222, 0.2982, 0.3288



34.8875, 0.2242, 0.3271



2.5825, 0.2243, 0.3274

Previews

White Background



This preview shows how the Yxy color 17.5381, 0.6236, 0.3303 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 17.5381, 0.6236, 0.3303 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 17.5381, 0.6236, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 17.5381, 0.6236, 0.3303.



This preview shows how white text looks on a background with the Yxy color 17.5381, 0.6236, 0.3303.

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

17.5381, 0.6236, 0.3303

Protanopia

17.9493, 0.4168, 0.4602

Deuteranopia

17.6648, 0.4706, 0.4645



Tritanopia

17.5587, 0.6264, 0.3324

Trichromacy



Original Color

17.5381, 0.6236, 0.3303

Protanomaly

14.6775, 0.5178, 0.3915

Deuteranomaly

15.0745, 0.5536, 0.3936

Tritanomaly

17.5653, 0.6254, 0.3319

Monochromacy



Original Color

17.5381, 0.6236, 0.3303

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.3172, 0.4652, 0.3295

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5381, 0.6236, 0.3303 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(230, 24, 23)` looks like.

```
.text, #text, p{  
  color:rgb(230, 24, 23)  
}
```

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(230, 24, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 24, 23) }
```

Border

The CSS property to change the border of an element to Yxy 17.5381, 0.6236, 0.3303 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(230, 24, 23) }
```

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

```
.border{ border-color:rgb(230, 24, 23) }
```

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

Here you see how a box with a 4 pixel rgb(230, 24, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 24, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 24, 23);  
box-shadow:4px 4px 4px 4px rgb(230, 24,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5381, 0.6236, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 24, 23) }
```

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

```
.background{ background-color: rgb(230, 24,  
23) }
```

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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