

Converting Colors

Yxy(17.8436, 0.6279, 0.3326)

Have a look what the booklet for
Yxy(17.8436, 0.6279, 0.3326)
contains.

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Color

Yxy(17.8436, 0.6279, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	E8180F
RGB	232, 24, 15
RGB Percent	91%, 9%, 6%
CMY	0.0903, 0.9054, 0.9413
CMYK	0.00, 0.90, 0.94, 0.09
HSL	3°, 88%, 48%
HSV	3°, 94%, 91%
XYZ	33.6861, 17.8436, 2.1191
YIQ	85.1660, 126.8570, 41.2970

Conversions

Conversions Part 2

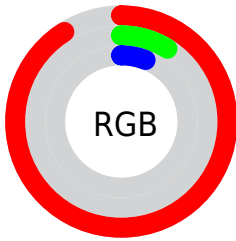
Format	Color
R_{YB}	232, 24, 15
Decimal	15210511
CIE Lab	49.31, 72.35, 58.80
CIE LCh	49, 93.230, 39.101
Yxy	17.8436, 0.6279, 0.3326
Android (android.graphics.Color)	4293400591 (0xFFE8180F)
YUV	85.1660, -34.5918, 128.7734
Hunter-Lab	42.2417, 68.4238, 26.5948

Details

The Yxy color **17.8436, 0.6279, 0.3326** 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 **58.6027, 0.2219, 0.3165**, and the grayscale version is **9.1883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.3887, 0.5446, 0.3552**, and **8.1070, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **17.3646, 0.6378, 0.3318**, and if you desaturate by 10%, it is **19.2737, 0.6006, 0.3344**.

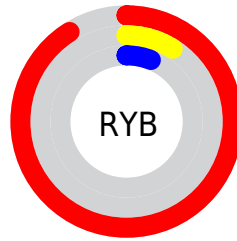
Distribution



Red (91%)

Green (9%)

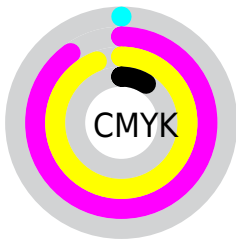
Blue (6%)



Red (91%)

Yellow (9%)

Blue (6%)

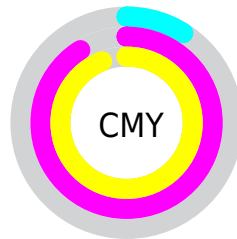


Cyan (0%)

Magenta (90%)

Yellow (94%)

Black (9%)



Cyan (9%)


Magenta (91%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.8436, 0.6279, 0.3326 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 17.8436, 0.6279, 0.3326 by changing the saturation by 10% instead.


 17.8436, 0.6279,
0.3326


 17.8436, 0.6279,
0.3326


239.9880, 0.4601,
0.3558


 10.8378, 0.6655,
0.3162


 39.7706, 0.5687,
0.3491


 5.9578, 0.7099,
0.2901

 55.4606, 0.5455,
0.3528

 2.8195, 0.7533,
0.2467

 74.8141, 0.5257,
0.3549

 1.0382, 0.8139,
0.1861

 98.2155, 0.5087,
0.3560


 0.0000, 1.0000,
0.0000

 126.0492, 0.4939,
0.3564


 0.0000, 0.0000,
0.0000

 158.6996, 0.4812,


0.3564

 196.5511, 0.4700,
0.3562


 17.8436, 0.6279,
0.3326

 17.8436, 0.6279,
0.3326

 17.3646, 0.6378,
0.3318

 19.2737, 0.6006,
0.3344

 21.6950, 0.5602,
0.3355

 25.2451, 0.5135,
0.3357

 30.0389, 0.4672,
0.3352

 36.1772, 0.4255,
0.3342

■ 43.7507, 0.3901,
0.3330

■ 52.8420, 0.3610,
0.3318

■ 63.5275, 0.3374,
0.3305

■ 75.8784, 0.3185,
0.3294

Harmonies

Analogous

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



17.8436, 0.5644, 0.2541



17.8436, 0.6279, 0.3326



17.8436, 0.5706, 0.4294

Triad

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



17.8436, 0.6279, 0.3326



17.8436, 0.1848, 0.5903



17.8436, 0.1281, 0.1157

Complementary

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



17.8436, 0.6279, 0.3326



58.6027, 0.2219, 0.3165

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.



17.8436, 0.0844, 0.1294



17.8436, 0.6279, 0.3326



17.8436, 0.1011, 0.3491

Square

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



17.8436, 0.6279, 0.3326



17.8436, 0.3096, 0.6578



17.8436, 0.0745, 0.1912



17.8436, 0.2238, 0.1333

Rectangle

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



17.8436, 0.6279, 0.3326



17.8436, 0.4912, 0.5088



17.8436, 0.0745, 0.1912



17.8436, 0.1090, 0.1165

Sweetspot

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



17.8447, 0.6279, 0.3326



60.0812, 0.3736, 0.3323



22.9148, 0.3289, 0.1603



11.8454, 0.3867, 0.3329



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.



17.8447, 0.6279, 0.3326



21.4940, 0.6380, 0.3316



33.3393, 0.5213, 0.4195



14.4650, 0.3291, 0.3300



9.6878, 0.6369, 0.3325



0.7505, 0.6281, 0.3395

Inverse Universe

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



58.6027, 0.2219, 0.3165



72.0623, 0.2210, 0.3155



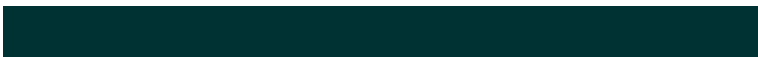
18.4712, 0.1778, 0.1562



16.2265, 0.2982, 0.3280



32.3466, 0.2211, 0.3158



2.4228, 0.2216, 0.3178

Previews

White Background



This preview shows how the Yxy color 17.8436, 0.6279, 0.3326 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 17.8436, 0.6279, 0.3326 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 17.8436, 0.6279, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 17.8436, 0.6279, 0.3326.



This preview shows how white text looks on a background with the Yxy color 17.8436, 0.6279, 0.3326.

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

17.8436, 0.6279, 0.3326

Protanopia

18.0648, 0.4249, 0.4664

Deuteranopia

17.9779, 0.4703, 0.4648



Tritanopia

17.8436, 0.6279, 0.3326

Trichromacy



Original Color

17.8436, 0.6279, 0.3326

Protanomaly

14.8595, 0.5261, 0.3960

Deuteranomaly

15.3320, 0.5539, 0.3953

Tritanomaly

17.8436, 0.6279, 0.3326

Monochromacy



Original Color

17.8436, 0.6279, 0.3326

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.2845, 0.4714, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8436, 0.6279, 0.3326 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(232, 24, 15)` looks like.

```
.text, #text, p{  
  color:rgb(232, 24, 15)  
}
```

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(232, 24, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 24, 15) }
```

Border

The CSS property to change the border of an element to Yxy 17.8436, 0.6279, 0.3326 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(232, 24, 15) }
```

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

```
.border{ border-color:rgb(232, 24, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 24, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 24, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 24, 15);  
box-shadow:4px 4px 4px 4px rgb(232, 24,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8436, 0.6279, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 24, 15) }
```

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

```
.background{ background-color: rgb(232, 24,  
15) }
```

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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