

Converting Colors

$Yxy(18.0266, 0.5886, 0.3099)$

Have a look what the booklet for
Yxy(18.0266, 0.5886, 0.3099)
contains.

Yxy(17.9684, 0.5878, 0.3097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(17.9684, 0.5878, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	E7183C
RGB	231, 24, 60
RGB Percent	91%, 9%, 24%
CMY	0.0940, 0.9062, 0.7647
CMYK	0.00, 0.90, 0.74, 0.09
HSL	350°, 81%, 50%
HSV	350°, 90%, 91%
XYZ	34.1034, 17.9684, 5.9469
YIQ	89.9970, 111.8160, 55.0800

Conversions

Conversions Part 2

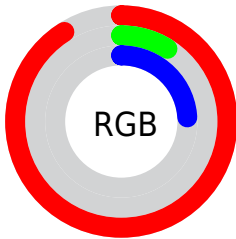
Format	Color
R_{YB}	231, 24, 60
Decimal	15145020
CIE _{Lab}	49.46, 73.15, 36.98
CIE _{LCh}	49, 81.964, 26.816
Yxy	17.9684, 0.5878, 0.3097
Android (android.graphics.Color)	4293335100 (0xFFE7183C)
YUV	89.9970, -14.7885, 123.6596
Hunter-Lab	42.3891, 69.4279, 21.3544

Details

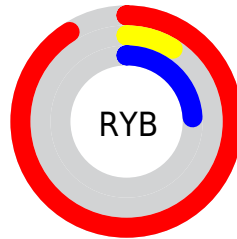
The Yxy color **17.9684, 0.5878, 0.3097** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **61.2962, 0.2403, 0.3796**, and the grayscale version is **10.2299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2452, 0.4985, 0.3221**, and **8.1507, 0.6260, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **17.1705, 0.6158, 0.3169**, and if you desaturate by 10%, it is **19.5940, 0.5503, 0.3046**.

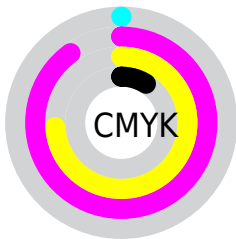
Distribution



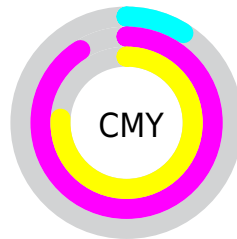
- Red (91%)
- Green (9%)
- Blue (24%)



- Red (91%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (90%)
- Yellow (74%)
- Black (9%)





- Cyan (9%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9684, 0.5878, 0.3097 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 17.9684, 0.5878, 0.3097 by changing the saturation by 10% instead.


 17.9684, 0.5878,
0.3097


 17.9684, 0.5878,
0.3097


240.6929, 0.4331,
0.3339


 10.9273, 0.6286,
0.2969


 39.9835, 0.5289,
0.3232


 6.0180, 0.6796,
0.2761

 55.7262, 0.5074,
0.3268

 2.8560, 0.7545,
0.2455

 75.1383, 0.4896,
0.3292

 1.0570, 0.8148,
0.1852

 98.6042, 0.4746,
0.3309

 0.0000, 1.0000,
0.0000

 126.5082, 0.4619,
0.3321

 0.0000, 0.0000,
0.0000

 159.2347, 0.4509,

0.3329

197.1681, 0.4414,
0.3335

■ 17.9684, 0.5878,
0.3097

■ 17.9684, 0.5878,
0.3097

■ 17.1705, 0.6158,
0.3169

■ 19.5940, 0.5503,
0.3046


■ 17.1479, 0.6167,
0.3171


■ 22.2746, 0.5080,
0.3028

■ 26.1527, 0.4659,
0.3037


■ 31.3479, 0.4276,
0.3067

■ 37.9651, 0.3947,
0.3108

 46.0989, 0.3673,
0.3155

 55.8353, 0.3449,
0.3202

 67.2542, 0.3268,
0.3248

 80.4299, 0.3122,
0.3291

Harmonies

Analogous

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



17.9684, 0.4783, 0.2344



17.9684, 0.5878, 0.3097



17.9684, 0.5813, 0.3929

Triad

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



17.9684, 0.5878, 0.3097



17.9684, 0.2497, 0.6060



17.9684, 0.1208, 0.1334

Complementary

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



17.9684, 0.5878, 0.3097



61.2962, 0.2403, 0.3796

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.



17.9684, 0.0928, 0.1642



17.9684, 0.5878, 0.3097



17.9684, 0.1477, 0.4343

Square

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



17.9684, 0.5878, 0.3097



17.9684, 0.3732, 0.5985



17.9684, 0.0982, 0.2542



17.9684, 0.1897, 0.1379

Rectangle

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



17.9684, 0.5878, 0.3097



17.9684, 0.5301, 0.4601



17.9684, 0.0982, 0.2542



17.9684, 0.1076, 0.1391

Sweetspot

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



17.9695, 0.5878, 0.3097



60.5250, 0.3612, 0.3167



17.7660, 0.2792, 0.1350



12.1231, 0.3696, 0.3150



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.



17.9695, 0.5878, 0.3097



21.4451, 0.6177, 0.3176



24.2880, 0.5684, 0.3757



14.4088, 0.3265, 0.3249



9.6237, 0.6135, 0.3153



0.7233, 0.5754, 0.2943

Inverse Universe

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



17.9695, 0.5878, 0.3097



21.4451, 0.6177, 0.3176



33.0346, 0.1997, 0.2328



14.4088, 0.3265, 0.3249



9.6237, 0.6135, 0.3153



0.7233, 0.5754, 0.2943

Previews

White Background



This preview shows how the Yxy color 17.9684, 0.5878, 0.3097 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 17.9684, 0.5878, 0.3097 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 17.9684, 0.5878, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 17.9684, 0.5878, 0.3097.



This preview shows how white text looks on a background with the Yxy color 17.9684, 0.5878, 0.3097.

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

17.9684, 0.5878, 0.3097

Protanopia

18.1902, 0.3602, 0.3847

Deuteranopia

18.2267, 0.4394, 0.4336



Tritanopia

17.9399, 0.6166, 0.3316

Trichromacy



Original Color

17.9684, 0.5878, 0.3097

Protanomaly

14.8900, 0.4562, 0.3386

Deuteranomaly

15.5978, 0.5143, 0.3659

Tritanomaly

17.8549, 0.6083, 0.3246

Monochromacy



Original Color

17.9684, 0.5878, 0.3097

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.1237, 0.4338, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9684, 0.5878, 0.3097 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(231, 24, 60)` looks like.

```
.text, #text, p{  
    color:rgb(231, 24, 60)  
}
```

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(231, 24, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 24, 60) }
```

Border

The CSS property to change the border of an element to Yxy 17.9684, 0.5878, 0.3097 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(231, 24, 60) }
```

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

```
.border{ border-color:rgb(231, 24, 60) }
```

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

Here you see how a box with a 4 pixel rgb(231, 24, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 24, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 24, 60);  
box-shadow:4px 4px 4px 4px rgb(231, 24,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9684, 0.5878, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 24, 60) }
```

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

```
.background{ background-color: rgb(231, 24,  
60) }
```

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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