

Converting Colors

$Yxy(19.1980, 0.5041, 0.2627)$

Have a look what the booklet for
Yxy(19.1980, 0.5041, 0.2627)
contains.

Yxy(19.2323, 0.5039, 0.2626)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.2323, 0.5039, 0.2626)

Conversions

Conversions Part 1

Format	Color
Hex	E91A70
RGB	233, 26, 112
RGB Percent	91%, 10%, 44%
CMY	0.0862, 0.8983, 0.5607
CMYK	0.00, 0.89, 0.52, 0.09
HSL	335°, 82%, 51%
HSV	335°, 89%, 91%
XYZ	36.9046, 19.2323, 17.1011
YIQ	97.6970, 95.7660, 70.6300

Conversions

Conversions Part 2

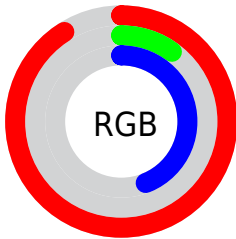
Format	Color
R_{YB}	233, 26, 112
Decimal	15276656
CIE _{Lab}	50.96, 76.16, 7.54
CIE _{LCh}	51, 76.529, 5.652
Yxy	19.2323, 0.5039, 0.2626
Android (android.graphics.Color)	4293466736 (0xFFE91A70)
YUV	97.6970, 7.0514, 118.6607
Hunter-Lab	43.8546, 73.4660, 7.5782

Details

The Yxy color **19.2323, 0.5039, 0.2626** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **60.6140, 0.2621, 0.4561**, and the grayscale version is **12.0908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2117, 0.4234, 0.2678**, and **8.9277, 0.5435, 0.2767** is the 20% darker color. If you saturate the color by 10%, you get **18.2740, 0.5319, 0.2710**, and if you desaturate by 10%, it is **21.0406, 0.4740, 0.2593**.

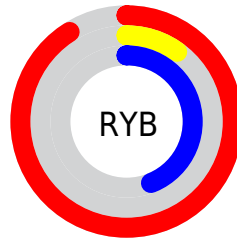
Distribution



Red (91%)

Green (10%)

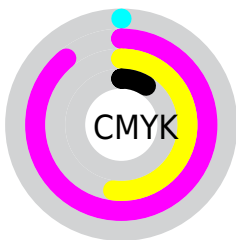
Blue (44%)



Red (91%)

Yellow (10%)

Blue (44%)

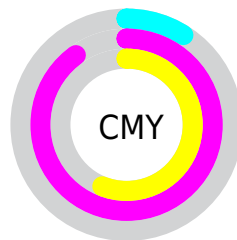


Cyan (0%)

Magenta (89%)

Yellow (52%)

Black (9%)



Cyan (9%)


Magenta (90%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2323, 0.5039, 0.2626 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 19.2323, 0.5039, 0.2626 by changing the saturation by 10% instead.


 19.2323, 0.5039,
0.2626


 19.2323, 0.5039,
0.2626


247.7282, 0.3955,
0.3022


 11.8383, 0.5352,
0.2503


 42.1263, 0.4614,
0.2787

 6.6336, 0.5776,
0.2331


 58.3950, 0.4463,
0.2842

 3.2341, 0.6374,
0.2077

 78.3907, 0.4340,
0.2887

 1.2551, 0.7254,
0.1682

 102.4978, 0.4238,
0.2923

 0.1060, 0.9597,
0.0403

 131.1007, 0.4151,
0.2954

 0.0000, 1.0000,
0.0000

 164.5838, 0.4076,

 0.0000, 0.0000,

0.2980

0.0000

203.3315, 0.4012,
0.3002

■ 19.2323, 0.5039,
0.2626

■ 19.2323, 0.5039,
0.2626

■ 18.2740, 0.5319,
0.2710

■ 21.0406, 0.4740,
0.2593

■ 18.1880, 0.5350,
0.2721

■ 23.9032, 0.4440,
0.2611

■ 27.9592, 0.4158,
0.2671

■ 33.3254, 0.3906,
0.2760

■ 40.1047, 0.3687,
0.2866

■ 48.3894, 0.3502,
0.2978

■ 58.2641, 0.3348,
0.3090

■ 69.8069, 0.3221,
0.3199

■ 83.0909, 0.3116,
0.3301

Harmonies

Analogous

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



19.2323, 0.3590, 0.1974



19.2323, 0.5039, 0.2626



19.2323, 0.5769, 0.3380

Triad

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



19.2323, 0.5039, 0.2626



19.2323, 0.3416, 0.5948



19.2323, 0.1089, 0.1622

Complementary

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



19.2323, 0.5039, 0.2626



60.6140, 0.2621, 0.4561

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.



19.2323, 0.1053, 0.2293



19.2323, 0.5039, 0.2626



19.2323, 0.2263, 0.5457

Square

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



19.2323, 0.5039, 0.2626



19.2323, 0.4571, 0.5207



19.2323, 0.1407, 0.3710



19.2323, 0.1466, 0.1428

Rectangle

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



19.2323, 0.5039, 0.2626



19.2323, 0.5674, 0.3929



19.2323, 0.1407, 0.3710



19.2323, 0.1040, 0.1780

Sweetspot

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



19.2334, 0.5039, 0.2626



61.3355, 0.3473, 0.2997



12.7988, 0.2293, 0.1085



12.3110, 0.3531, 0.2959



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.



19.2334, 0.5039, 0.2626



22.3006, 0.5361, 0.2727



19.1433, 0.6119, 0.3379



15.1579, 0.3228, 0.3192



10.3414, 0.5310, 0.2699



0.8308, 0.4952, 0.2501

Inverse Universe

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



19.2334, 0.5039, 0.2626



22.3006, 0.5361, 0.2727



55.0947, 0.2197, 0.3054



15.1579, 0.3228, 0.3192



10.3414, 0.5310, 0.2699



0.8308, 0.4952, 0.2501

Previews

White Background



This preview shows how the Yxy color 19.2323, 0.5039, 0.2626 looks on a white background.

Color Contrast Check

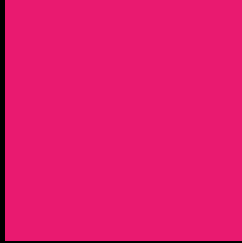
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 19.2323, 0.5039, 0.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

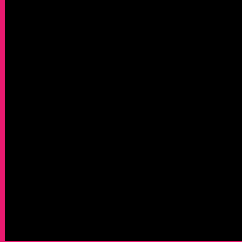
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.2323, 0.5039, 0.2626

Background



This preview shows how black text looks on a background with the Yxy color 19.2323, 0.5039, 0.2626.



This preview shows how white text looks on a background with the Yxy color 19.2323, 0.5039, 0.2626.

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

19.2323, 0.5039, 0.2626

Protanopia

19.6227, 0.2639, 0.2618

Deuteranopia

19.5989, 0.3615, 0.3559



Tritanopia

19.2499, 0.5866, 0.3292

Trichromacy



Original Color

19.2323, 0.5039, 0.2626

Protanomaly

15.6765, 0.3369, 0.2410

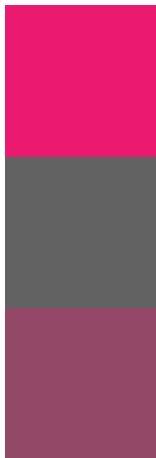
Deuteranomaly

16.5363, 0.4204, 0.2983

Tritanomaly

19.0558, 0.5624, 0.3066

Monochromacy



Original Color

19.2323, 0.5039, 0.2626

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.8170, 0.3921, 0.2758

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2323, 0.5039, 0.2626 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(233, 26, 112)` looks like.

```
.text, #text, p{  
  color:rgb(233, 26, 112)  
}
```

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(233, 26, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 26, 112) }
```

Border

The CSS property to change the border of an element to Yxy 19.2323, 0.5039, 0.2626 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(233, 26, 112) }
```

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

```
.border{ border-color:rgb(233, 26, 112) }
```

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

Here you see how a box with a 4 pixel rgb(233, 26, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 26, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 26, 112);  
box-shadow:4px 4px 4px 4px rgb(233, 26,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2323, 0.5039, 0.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 26, 112) }
```

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

```
.background{ background-color: rgb(233, 26,  
112) }
```

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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