

Converting Colors

$Y_{xy}(19.3733, 0.5237, 0.2676)$

Have a look what the booklet for
Yxy(19.3733, 0.5237, 0.2676)
contains.

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Color

Yxy(19.3707, 0.5236, 0.2676)

Conversions

Conversions Part 1

Format	Color
Hex	EE0869
RGB	238, 8, 105
RGB Percent	93%, 3%, 41%
CMY	0.0666, 0.9690, 0.5881
CMYK	0.00, 0.97, 0.56, 0.07
HSL	335°, 94%, 48%
HSV	335°, 97%, 93%
XYZ	37.9017, 19.3707, 15.1144
YIQ	87.8280, 105.9430, 78.9270

Conversions

Conversions Part 2

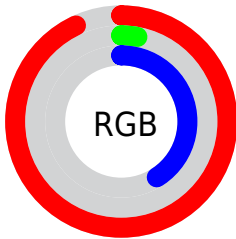
Format	Color
R_{YB}	238, 8, 105
Decimal	15599721
CIE _{Lab}	51.12, 78.72, 12.17
CIE _{LCh}	51, 79.657, 8.785
Yxy	19.3707, 0.5236, 0.2676
Android (android.graphics.Color)	4293789801 (0xFFEE0869)
YUV	87.8280, 8.4658, 131.7008
Hunter-Lab	44.0122, 76.6966, 10.4475

Details

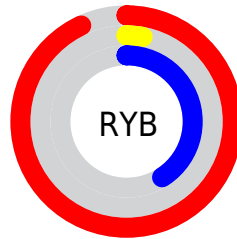
The Yxy color **19.3707, 0.5236, 0.2676** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **63.1286, 0.2646, 0.4708**, and the grayscale version is **9.6717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.2097, 0.4341, 0.2714**, and **9.4297, 0.5617, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **19.1089, 0.5326, 0.2707**, and if you desaturate by 10%, it is **20.5237, 0.4954, 0.2601**.

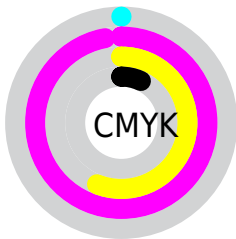
Distribution



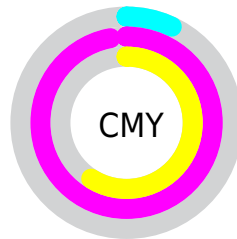
- Red (93%)
- Green (3%)
- Blue (41%)



- Red (93%)
- Yellow (3%)
- Blue (41%)



- Cyan (0%)
- Magenta (97%)
- Yellow (56%)
- Black (7%)





- Cyan (7%)
- Magenta (97%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3707, 0.5236, 0.2676 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 19.3707, 0.5236, 0.2676 by changing the saturation by 10% instead.


 19.3707, 0.5236,
0.2676


 19.3707, 0.5236,
0.2676


248.4877, 0.4042,
0.3058

 11.9384, 0.5576,
0.2552

 42.3596, 0.4769,
0.2835


 6.7018, 0.6034,
0.2376


 58.6850, 0.4604,
0.2888

 3.2763, 0.6667,
0.2112

 78.7435, 0.4468,
0.2931

 1.2776, 0.7631,
0.1713

 102.9196, 0.4354,
0.2966

 0.1238, 0.9561,
0.0439

 131.5977, 0.4258,
0.2995

 0.0000, 1.0000,
0.0000

 165.1622, 0.4176,

 0.0000, 0.0000,

0.3019

0.0000

203.9973, 0.4104,
0.3040

■ 19.3707, 0.5236,
0.2676

■ 19.3707, 0.5236,
0.2676

■ 19.1089, 0.5326,
0.2707

■ 20.5237, 0.4954,
0.2601

■ 22.6412, 0.4657,
0.2580

■ 25.9006, 0.4363,
0.2610

■ 30.4416, 0.4090,
0.2679

■ 36.3835, 0.3848,
0.2774

■ 43.8319, 0.3639,
0.2883

■ 52.8821, 0.3463,
0.2998

■ 63.6215, 0.3316,
0.3112

■ 76.1310, 0.3195,
0.3221

Harmonies

Analogous

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



19.3707, 0.3766, 0.1997



19.3707, 0.5236, 0.2676



19.3707, 0.5866, 0.3444

Triad

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



19.3707, 0.5236, 0.2676



19.3707, 0.3270, 0.6072



19.3707, 0.1065, 0.1536

Complementary

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



19.3707, 0.5236, 0.2676



63.1286, 0.2646, 0.4708

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.



19.3707, 0.0990, 0.2149



19.3707, 0.5236, 0.2676



19.3707, 0.2108, 0.5401

Square

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



19.3707, 0.5236, 0.2676



19.3707, 0.4469, 0.5349



19.3707, 0.1292, 0.3526



19.3707, 0.1485, 0.1381

Rectangle

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



19.3707, 0.5236, 0.2676



19.3707, 0.5687, 0.4010



19.3707, 0.1292, 0.3526



19.3707, 0.1004, 0.1676

Sweetspot

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



19.3719, 0.5236, 0.2676



59.0949, 0.3502, 0.2970



11.7743, 0.2178, 0.0984



11.6715, 0.3577, 0.2921



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.



19.3719, 0.5236, 0.2676



22.3349, 0.5335, 0.2712



18.8196, 0.6313, 0.3336



15.8696, 0.3227, 0.3191



10.6839, 0.5286, 0.2686



0.9083, 0.4948, 0.2500

Inverse Universe

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



19.3719, 0.5236, 0.2676



22.3349, 0.5335, 0.2712



58.8264, 0.2194, 0.3085



15.8696, 0.3227, 0.3191



10.6839, 0.5286, 0.2686



0.9083, 0.4948, 0.2500

Previews

White Background



This preview shows how the Yxy color 19.3707, 0.5236, 0.2676 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 19.3707, 0.5236, 0.2676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

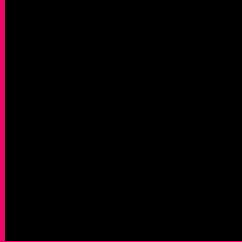
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3707, 0.5236, 0.2676

Background



This preview shows how black text looks on a background with the Yxy color 19.3707, 0.5236, 0.2676.



This preview shows how white text looks on a background with the Yxy color 19.3707, 0.5236, 0.2676.

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

19.3707, 0.5236, 0.2676

Protanopia

19.8991, 0.2745, 0.2755

Deuteranopia

19.7124, 0.3759, 0.3696



Tritanopia

19.4782, 0.6020, 0.3304

Trichromacy



Original Color

19.3707, 0.5236, 0.2676



Protanomaly

15.1077, 0.3541, 0.2452



Deuteranomaly

15.8146, 0.4422, 0.2996



Tritanomaly

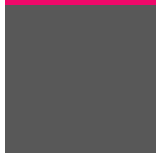
19.1316, 0.5826, 0.3098

Monochromacy



Original Color

19.3707, 0.5236, 0.2676



Achromatopsia

9.7587, 0.3127, 0.3290



Achromatomaly

9.7757, 0.4099, 0.2687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3707, 0.5236, 0.2676 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(238, 8, 105)` looks like.

```
.text, #text, p{  
    color:rgb(238, 8, 105)  
}
```

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(238, 8, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 8, 105) }
```

Border

The CSS property to change the border of an element to Yxy 19.3707, 0.5236, 0.2676 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(238, 8, 105) }
```

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

```
.border{ border-color:rgb(238, 8, 105) }
```

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

Here you see how a box with a 4 pixel rgb(238, 8, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 8, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 8, 105);  
box-shadow:4px 4px 4px 4px rgb(238, 8,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3707, 0.5236, 0.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 8, 105) }
```

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

```
.background{ background-color: rgb(238, 8,  
105) }
```

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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