

Converting Colors

$Y_{xy}(19.3324, 0.5008, 0.2532)$

Have a look what the booklet for
Yxy(19.3324, 0.5008, 0.2532)
contains.

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Color

Yxy(19.3125, 0.5002, 0.2529)

Conversions

Conversions Part 1

Format	Color
Hex	ED0076
RGB	237, 0, 118
RGB Percent	93%, 0%, 46%
CMY	0.0706, 1.0000, 0.5372
CMYK	0.00, 1.00, 0.50, 0.07
HSL	330°, 100%, 46%
HSV	330°, 100%, 93%
XYZ	38.1974, 19.3125, 18.8543
YIQ	84.3150, 103.3740, 86.9420

Conversions

Conversions Part 2

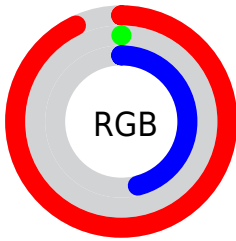
Format	Color
R_{YB}	237, 0, 118
Decimal	15532150
CIE _{Lab}	51.05, 79.97, 4.13
CIE _{LCh}	51, 80.073, 2.956
Yxy	19.3125, 0.5002, 0.2529
Android (android.graphics.Color)	4293722230 (0xFFED0076)
YUV	84.3150, 16.6067, 133.9047
Hunter-Lab	43.9460, 78.2447, 5.3248

Details

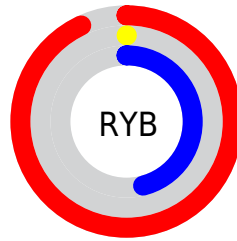
The Yxy color **19.3125, 0.5002, 0.2529** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **61.9055, 0.2730, 0.5027**, and the grayscale version is **8.8835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.3467, 0.4159, 0.2558**, and **9.4409, 0.5358, 0.2725** is the 20% darker color. If you saturate the color by 10%, you get **19.3141, 0.5002, 0.2529**, and if you desaturate by 10%, it is **20.2561, 0.4763, 0.2457**.

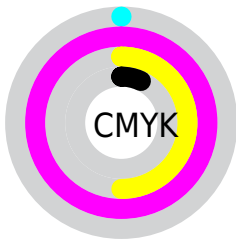
Distribution



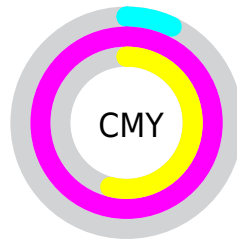
- Red (93%)
- Green (0%)
- Blue (46%)



- Red (93%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.3125, 0.5002, 0.2529 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 19.3125, 0.5002, 0.2529 by changing the saturation by 10% instead.


 19.3125, 0.5002,
0.2529


 19.3125, 0.5002,
0.2529

248.1685, 0.3944,
0.2969


 11.8963, 0.5305,
0.2398


 42.2615, 0.4588,
0.2704

 6.6731, 0.5716,
0.2219


 58.5631, 0.4442,
0.2765


 3.2585, 0.6295,
0.1959

 78.5952, 0.4321,
0.2815

 1.2681, 0.7140,
0.1568

 102.7424, 0.4221,
0.2856

 0.1163, 0.9594,
0.0406

 131.3889, 0.4136,
0.2891

 0.0000, 1.0000,
0.0000

 164.9191, 0.4063,

 0.0000, 0.0000,

0.2921

0.0000

203.7176, 0.4000,
0.2946

■ 19.3125, 0.5002,
0.2529

■ 19.3125, 0.5002,
0.2529

■ 19.3141, 0.5002,
0.2529

■ 20.2561, 0.4763,
0.2457

■ 22.0184, 0.4513,
0.2434

■ 24.8488, 0.4265,
0.2465

■ 28.8938, 0.4029,
0.2539

■ 34.2765, 0.3816,
0.2645

■ 41.1050, 0.3629,
0.2769

■ 49.4758, 0.3468,
0.2902

■ 59.4776, 0.3333,
0.3036

■ 71.1917, 0.3220,
0.3166

Harmonies

Analogous

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



19.3125, 0.3464, 0.1881



19.3125, 0.5002, 0.2529



19.3125, 0.5848, 0.3286

Triad

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



19.3125, 0.5002, 0.2529



19.3125, 0.3503, 0.6016



19.3125, 0.1017, 0.1603

Complementary

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



19.3125, 0.5002, 0.2529



61.9055, 0.2730, 0.5027

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.



19.3125, 0.1006, 0.2341



19.3125, 0.5002, 0.2529



19.3125, 0.2313, 0.5694

Square

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



19.3125, 0.5002, 0.2529



19.3125, 0.4694, 0.5156



19.3125, 0.1400, 0.3892



19.3125, 0.1365, 0.1377

Rectangle

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



19.3125, 0.5002, 0.2529



19.3125, 0.5792, 0.3835



19.3125, 0.1400, 0.3892



19.3125, 0.0977, 0.1777

Sweetspot

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



19.3141, 0.5002, 0.2529



58.2885, 0.3470, 0.2901



10.0019, 0.2008, 0.0880



11.5336, 0.3535, 0.2844



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.



19.3141, 0.5002, 0.2529



22.7912, 0.5010, 0.2534



18.0060, 0.6401, 0.3300



15.1791, 0.3215, 0.3173



10.5704, 0.4965, 0.2509



0.8494, 0.4656, 0.2339

Inverse Universe

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



19.3141, 0.5002, 0.2529



22.7912, 0.5010, 0.2534



66.6884, 0.2247, 0.3287



15.1791, 0.3215, 0.3173



10.5704, 0.4965, 0.2509



0.8494, 0.4656, 0.2339

Previews

White Background



This preview shows how the Yxy color 19.3125, 0.5002, 0.2529 looks on a white background.

Color Contrast Check

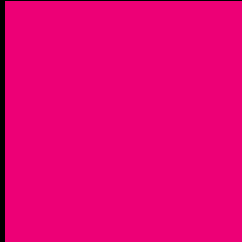
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3125, 0.5002, 0.2529 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 19.3125, 0.5002, 0.2529

Background



This preview shows how black text looks on a background with the Yxy color 19.3125, 0.5002, 0.2529.



This preview shows how white text looks on a background with the Yxy color 19.3125, 0.5002, 0.2529.

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

19.3125, 0.5002, 0.2529

Protanopia

20.1106, 0.2513, 0.2451

Deuteranopia

19.9391, 0.3547, 0.3486



Tritanopia

19.7307, 0.5928, 0.3298

Trichromacy



Original Color

19.3125, 0.5002, 0.2529



Protanomaly

14.7837, 0.3237, 0.2165



Deuteranomaly

15.5688, 0.4175, 0.2776



Tritanomaly

19.0718, 0.5695, 0.3023

Monochromacy



Original Color

19.3125, 0.5002, 0.2529



Achromatopsia

8.8656, 0.3127, 0.3290



Achromatomaly

8.9662, 0.4032, 0.2546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3125, 0.5002, 0.2529 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(237, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 118)  
}
```

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(237, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 118) }
```

Border

The CSS property to change the border of an element to Yxy 19.3125, 0.5002, 0.2529 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(237, 0, 118) }
```

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

```
.border{ border-color:rgb(237, 0, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 0, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3125, 0.5002, 0.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 118) }
```

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

```
.background{ background-color: rgb(237, 0,  
118) }
```

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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