

Converting Colors

$Yxy(19.3010, 0.4162, 0.2066)$

Have a look what the booklet for
Yxy(19.3010, 0.4162, 0.2066)
contains.

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Color

Yxy(19.3962, 0.4162, 0.2066)

Conversions

Conversions Part 1

Format	Color
Hex	E600A1
RGB	230, 0, 161
RGB Percent	90%, 0%, 63%
CMY	0.0979, 1.0000, 0.3685
CMYK	0.00, 1.00, 0.30, 0.10
HSL	318°, 100%, 45%
HSV	318°, 100%, 90%
XYZ	39.0740, 19.3962, 35.4126
YIQ	87.1240, 85.3990, 98.8310

Conversions

Conversions Part 2

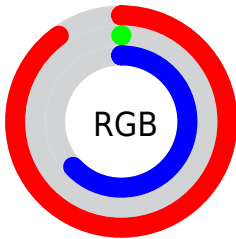
Format	Color
R_{YB}	230, 0, 161
Decimal	15073441
CIE _{Lab}	51.15, 82.35, -21.77
CIE _{LCh}	51, 85.180, 345.193
Yxy	19.3962, 0.4162, 0.2066
Android (android.graphics.Color)	4293263521 (0xFFE600A1)
YUV	87.1240, 36.4209, 125.3023
Hunter-Lab	44.0411, 81.2964, -16.8452

Details

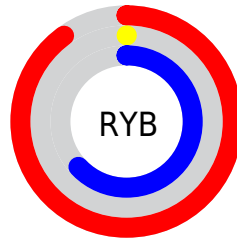
The Yxy color **19.3962, 0.4162, 0.2066** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **57.0384, 0.2894, 0.5619**, and the grayscale version is **9.4676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5836, 0.3591, 0.2148**, and **9.5391, 0.4350, 0.2170** is the 20% darker color. If you saturate the color by 10%, you get **19.4014, 0.4162, 0.2066**, and if you desaturate by 10%, it is **20.2646, 0.4038, 0.2045**.

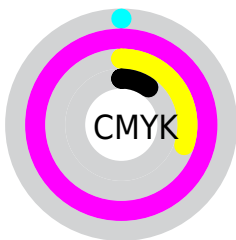
Distribution



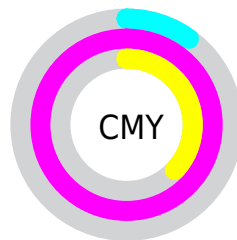
- Red (90%)
- Green (0%)
- Blue (63%)



- Red (90%)
- Yellow (0%)
- Blue (63%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (10%)




- Cyan (10%)
- Magenta (100%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3962, 0.4162, 0.2066 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 19.3962, 0.4162, 0.2066 by changing the saturation by 10% instead.


 19.3962, 0.4162,
0.2066

 19.3962, 0.4162,
0.2066


248.6274, 0.3611,
0.2693


 11.9569, 0.4309,
0.1909

 42.4025, 0.3954,
0.2295


 6.7143, 0.4504,
0.1708


 58.7383, 0.3878,
0.2381


 3.2841, 0.4770,
0.1445


 78.8085, 0.3815,
0.2453

 1.2818, 0.5152,
0.1096

 102.9973, 0.3762,
0.2515

 0.1270, 0.5958,
0.0261

 131.6892, 0.3716,
0.2569

 0.0000, 0.7078,
0.0000

 165.2686, 0.3676,

 0.0000, 1.0000,

0.2615

0.0000

204.1198, 0.3641,
0.2656

■ 0.0000, 0.0000,
0.0000

■ 19.3962, 0.4162,
0.2066

■ 19.3962, 0.4162,
0.2066

■ 19.4014, 0.4162,
0.2066

■ 20.2646, 0.4038,
0.2045

■ 21.8701, 0.3910,
0.2069

■ 24.4507, 0.3782,
0.2141

■ 28.1414, 0.3658,
0.2256

■ 33.0559, 0.3541,
0.2404

■ 39.2935, 0.3434,
0.2573

■ 46.9434, 0.3340,
0.2754

■ 56.0870, 0.3258,
0.2937

■ 66.7994, 0.3187,
0.3117

Harmonies

Analogous

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



19.3962, 0.2586, 0.1541



19.3962, 0.4162, 0.2066



19.3962, 0.5613, 0.2790

Triad

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



19.3962, 0.4162, 0.2066



19.3962, 0.4224, 0.5654



19.3962, 0.0891, 0.1882

Complementary

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



19.3962, 0.4162, 0.2066



57.0384, 0.2894, 0.5619

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.



19.3962, 0.1091, 0.3128



19.3962, 0.4162, 0.2066



19.3962, 0.2956, 0.6280

Square

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



19.3962, 0.4162, 0.2066



19.3962, 0.5364, 0.4540



19.3962, 0.1803, 0.5179



19.3962, 0.1043, 0.1387

Rectangle

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



19.3962, 0.4162, 0.2066



19.3962, 0.6003, 0.3309



19.3962, 0.1803, 0.5179



19.3962, 0.0913, 0.2193

Sweetspot

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



19.4014, 0.4162, 0.2066



59.1292, 0.3342, 0.2751



6.8445, 0.1670, 0.0694



11.7337, 0.3380, 0.2673



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.



19.4014, 0.4162, 0.2066



24.4946, 0.4168, 0.2070



17.0564, 0.6060, 0.3112



14.5377, 0.3184, 0.3127



11.0037, 0.4143, 0.2056



0.8294, 0.3974, 0.1963

Inverse Universe

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



19.4014, 0.4162, 0.2066



24.4946, 0.4168, 0.2070



59.9116, 0.2447, 0.4010



14.5377, 0.3184, 0.3127



11.0037, 0.4143, 0.2056



0.8294, 0.3974, 0.1963

Previews

White Background



This preview shows how the Yxy color 19.3962, 0.4162, 0.2066 looks on a white background.

Color Contrast Check

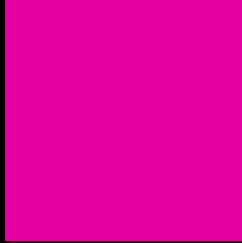
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3962, 0.4162, 0.2066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

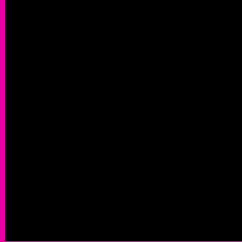
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3962, 0.4162, 0.2066

Background



This preview shows how black text looks on a background with the Yxy color 19.3962, 0.4162, 0.2066.



This preview shows how white text looks on a background with the Yxy color 19.3962, 0.4162, 0.2066.

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

19.3962, 0.4162, 0.2066

Protanopia

20.3394, 0.1923, 0.1678

Deuteranopia

20.0143, 0.2828, 0.2779



Tritanopia

19.7481, 0.5522, 0.3280

Trichromacy



Original Color

19.3962, 0.4162, 0.2066



Protanomaly

14.0123, 0.2325, 0.1467



Deuteranomaly

15.2179, 0.3280, 0.2153



Tritanomaly

18.6942, 0.5127, 0.2778

Monochromacy



Original Color

19.3962, 0.4162, 0.2066



Achromatopsia

9.5307, 0.3127, 0.3290



Achromatomaly

9.4362, 0.3632, 0.2277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3962, 0.4162, 0.2066 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(230, 0, 161)` looks like.

```
.text, #text, p{  
  color:rgb(230, 0, 161)  
}
```

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(230, 0, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 161) }
```

Border

The CSS property to change the border of an element to Yxy 19.3962, 0.4162, 0.2066 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(230, 0, 161) }
```

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

```
.border{ border-color:rgb(230, 0, 161) }
```

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

Here you see how a box with a 4 pixel rgb(230, 0, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 0, 161);  
box-shadow:4px 4px 4px 4px rgb(230, 0,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3962, 0.4162, 0.2066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 0, 161) }
```

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

```
.background{ background-color: rgb(230, 0,  
161) }
```

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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