

Converting Colors

$Yxy(20.0805, 0.3663, 0.1791)$

Have a look what the booklet for
Yxy(20.0805, 0.3663, 0.1791)
contains.

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Color

Yxy(20.0925, 0.3662, 0.1791)

Conversions

Conversions Part 1

Format	Color
Hex	E300BF
RGB	227, 0, 191
RGB Percent	89%, 0%, 75%
CMY	0.1098, 0.9998, 0.2509
CMYK	0.00, 1.00, 0.16, 0.11
HSL	310°, 100%, 45%
HSV	310°, 100%, 89%
XYZ	41.0825, 20.0925, 51.0109
YIQ	89.6470, 73.9810, 107.5250

Conversions

Conversions Part 2

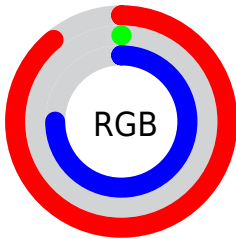
Format	Color
R_{YB}	227, 0, 191
Decimal	14876863
CIE _{Lab}	51.94, 85.19, -38.19
CIE _{LCh}	52, 93.362, 335.853
Yxy	20.0925, 0.3662, 0.1791
Android (android.graphics.Color)	4293066943 (0xFFE300BF)
YUV	89.6470, 49.9670, 120.4586
Hunter-Lab	44.8247, 85.1548, -36.0954

Details

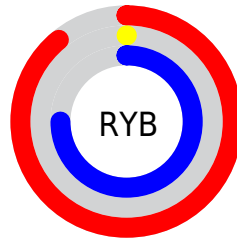
The Yxy color **20.0925, 0.3662, 0.1791** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed rose. A complement of this color would be **55.0636, 0.2966, 0.5877**, and the grayscale version is **10.0230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5867, 0.3259, 0.1909**, and **10.0216, 0.3719, 0.1822** is the 20% darker color. If you saturate the color by 10%, you get **20.0920, 0.3662, 0.1791**, and if you desaturate by 10%, it is **20.8559, 0.3606, 0.1800**.

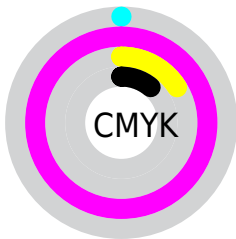
Distribution



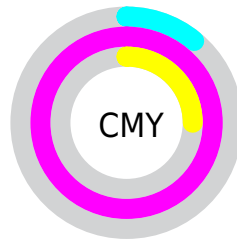
- Red (89%)
- Green (0%)
- Blue (75%)



- Red (89%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (11%)





- Cyan (11%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0925, 0.3662, 0.1791 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 20.0925, 0.3662, 0.1791 by changing the saturation by 10% instead.


 20.0925, 0.3662,
0.1791


 20.0925, 0.3662,
0.1791


252.4154, 0.3412,
0.2520


 12.4623, 0.3717,
0.1621


 43.5722, 0.3576,
0.2048


 7.0593, 0.3781,
0.1412


 60.1905, 0.3543,
0.2147


 3.4992, 0.3857,
0.1153


 80.5736, 0.3513,
0.2232

 1.3976, 0.3941,
0.0833

 105.1060, 0.3488,
0.2305

 0.2150, 0.4093,
0.0270

 134.1719, 0.3465,
0.2369

 0.0000, 0.4052,
0.0000

 168.1559, 0.3445,

 0.0000, 0.2668,

0.2426

0.0000

207.4423, 0.3428,
0.2476

■ 0.0000, 0.0000,
0.0000

■ 20.0925, 0.3662,
0.1791

■ 20.0925, 0.3662,
0.1791

■ 20.0920, 0.3662,
0.1791

■ 20.8559, 0.3606,
0.1800

■ 22.3287, 0.3548,
0.1849

■ 24.7382, 0.3486,
0.1943

■ 28.2147, 0.3425,
0.2079

■ 32.8678, 0.3364,
0.2250

■ 38.7936, 0.3307,
0.2445

■ 46.0782, 0.3254,
0.2654

■ 54.8001, 0.3206,
0.2870

■ 65.0321, 0.3164,
0.3084

Harmonies

Analogous

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



20.0925, 0.2134, 0.1343



20.0925, 0.3662, 0.1791



20.0925, 0.5408, 0.2490

Triad

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



20.0925, 0.3662, 0.1791



20.0925, 0.4626, 0.5374



20.0925, 0.0804, 0.2073

Complementary

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



20.0925, 0.3662, 0.1791



55.0636, 0.2966, 0.5877

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.



20.0925, 0.1130, 0.3733



20.0925, 0.3662, 0.1791



20.0925, 0.3278, 0.6412

Square

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



20.0925, 0.3662, 0.1791



20.0925, 0.5749, 0.4187



20.0925, 0.2027, 0.5980



20.0925, 0.0864, 0.1382

Rectangle

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



20.0925, 0.3662, 0.1791



20.0925, 0.6087, 0.3005



20.0925, 0.2027, 0.5980



20.0925, 0.0860, 0.2494

Sweetspot

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



20.0935, 0.3662, 0.1791



59.7634, 0.3255, 0.2650



5.8887, 0.1554, 0.0630



11.8864, 0.3277, 0.2560



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.



20.0935, 0.3662, 0.1791



26.1442, 0.3665, 0.1793



16.9029, 0.5610, 0.2864



14.5739, 0.3162, 0.3094



11.7327, 0.3654, 0.1787



0.8776, 0.3579, 0.1745

Inverse Universe

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



20.0935, 0.3662, 0.1791



26.1442, 0.3665, 0.1793



57.0604, 0.2582, 0.4494



14.5739, 0.3162, 0.3094



11.7327, 0.3654, 0.1787



0.8776, 0.3579, 0.1745

Previews

White Background



This preview shows how the Yxy color 20.0925, 0.3662, 0.1791 looks on a white background.

Color Contrast Check

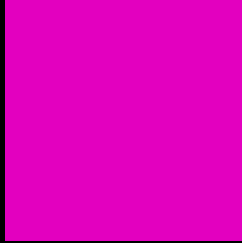
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0925, 0.3662, 0.1791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

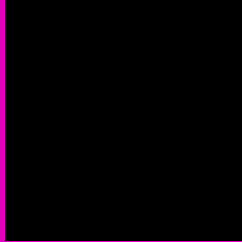
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0925, 0.3662, 0.1791

Background



This preview shows how black text looks on a background with the Yxy color 20.0925, 0.3662, 0.1791.



This preview shows how white text looks on a background with the Yxy color 20.0925, 0.3662, 0.1791.

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

20.0925, 0.3662, 0.1791

Protanopia

21.0769, 0.1757, 0.1467

Deuteranopia

20.6732, 0.2423, 0.2366



Tritanopia

20.3484, 0.5207, 0.3256

Trichromacy



Original Color

20.0925, 0.3662, 0.1791



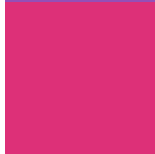
Protanomaly

13.6753, 0.1949, 0.1203



Deuteranomaly

15.4004, 0.2771, 0.1798



Tritanomaly

18.8421, 0.4713, 0.2591

Monochromacy



Original Color

20.0925, 0.3662, 0.1791



Achromatopsia

10.2242, 0.3127, 0.3290



Achromatomaly

10.0340, 0.3405, 0.2121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0925, 0.3662, 0.1791 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(227, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 191)  
}
```

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(227, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 191) }
```

Border

The CSS property to change the border of an element to Yxy 20.0925, 0.3662, 0.1791 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(227, 0, 191) }
```

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

```
.border{ border-color:rgb(227, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(227, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 0,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0925, 0.3662, 0.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 191) }
```

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

```
.background{ background-color: rgb(227, 0,  
191) }
```

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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