

Converting Colors

$Yxy(20.1988, 0.5301, 0.2771)$

Have a look what the booklet for
Yxy(20.1988, 0.5301, 0.2771)
contains.

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Color

Yxy(20.2036, 0.5293, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	F01A65
RGB	240, 26, 101
RGB Percent	94%, 10%, 40%
CMY	0.0587, 0.8984, 0.6039
CMYK	0.00, 0.89, 0.58, 0.06
HSL	339°, 88%, 52%
HSV	339°, 89%, 94%
XYZ	38.6615, 20.2036, 14.1776
YIQ	98.5360, 103.4690, 68.6930

Conversions

Conversions Part 2

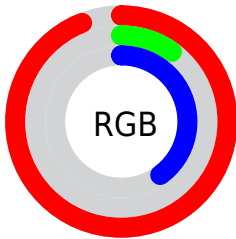
Format	Color
R_{YB}	240, 26, 101
Decimal	15735397
CIE _{Lab}	52.07, 77.08, 15.99
CIE _{LCh}	52, 78.717, 11.717
Yxy	20.2036, 0.5293, 0.2766
Android (android.graphics.Color)	4293925477 (0xFFFF01A65)
YUV	98.5360, 1.2148, 124.0639
Hunter-Lab	44.9484, 74.8735, 12.7627

Details

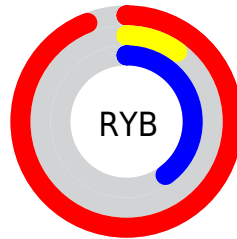
The Yxy color **20.2036, 0.5293, 0.2766** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **65.2693, 0.2562, 0.4358**, and the grayscale version is **12.3201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9971, 0.4389, 0.2808**, and **9.5059, 0.5709, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **19.2344, 0.5593, 0.2859**, and if you desaturate by 10%, it is **22.0787, 0.4960, 0.2719**.

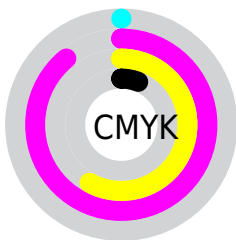
Distribution



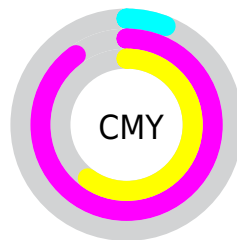
- Red (94%)
- Green (10%)
- Blue (40%)



- Red (94%)
- Yellow (10%)
- Blue (40%)



- Cyan (0%)
- Magenta (89%)
- Yellow (58%)
- Black (6%)




- Cyan (6%)
- Magenta (90%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.2036, 0.5293, 0.2766 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 20.2036, 0.5293, 0.2766 by changing the saturation by 10% instead.


 20.2036, 0.5293,
0.2766


 20.2036, 0.5293,
0.2766


253.0152, 0.4072,
0.3106


 12.5431, 0.5637,
0.2651


 43.7583, 0.4818,
0.2911

 7.1147, 0.6095,
0.2483


 60.4213, 0.4649,
0.2959


 3.5339, 0.6722,
0.2228

 80.8539, 0.4510,
0.2997

 1.4164, 0.7711,
0.1849

 105.4405, 0.4393,
0.3028

 0.2288, 0.9252,
0.0748

 134.5656, 0.4294,
0.3053

 0.0000, 1.0000,
0.0000

168.6134, 0.4210,

 0.0000, 0.0000,

0.3074

0.0000

207.9685, 0.4136,
0.3091

■ 20.2036, 0.5293,
0.2766

■ 20.2036, 0.5293,
0.2766

■ 19.2344, 0.5593,
0.2859

■ 22.0787, 0.4960,
0.2719

■ 19.1735, 0.5615,
0.2867

■ 25.0870, 0.4619,
0.2723

■ 29.3804, 0.4297,
0.2767

■ 35.0860, 0.4008,
0.2839

■ 42.3155, 0.3759,
0.2927

■ 51.1693, 0.3550,
0.3022

■ 61.7391, 0.3376,
0.3118

■ 74.1099, 0.3235,
0.3210

■ 88.3608, 0.3119,
0.3297

Harmonies

Analogous

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



20.2036, 0.3905, 0.2080



20.2036, 0.5293, 0.2766



20.2036, 0.5811, 0.3536

Triad

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



20.2036, 0.5293, 0.2766



20.2036, 0.3169, 0.6015



20.2036, 0.1122, 0.1537

Complementary

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



20.2036, 0.5293, 0.2766



65.2693, 0.2562, 0.4358

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.



20.2036, 0.1017, 0.2092



20.2036, 0.5293, 0.2766



20.2036, 0.2039, 0.5183

Square

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



20.2036, 0.5293, 0.2766



20.2036, 0.4349, 0.5413



20.2036, 0.1279, 0.3358



20.2036, 0.1577, 0.1415

Rectangle

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



20.2036, 0.5293, 0.2766



20.2036, 0.5588, 0.4106



20.2036, 0.1279, 0.3358



20.2036, 0.1051, 0.1663

Sweetspot

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



20.2048, 0.5293, 0.2766



61.1092, 0.3510, 0.3042



14.6585, 0.2391, 0.1134



12.2582, 0.3575, 0.3009



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.



20.2048, 0.5293, 0.2766



21.9888, 0.5623, 0.2872



21.2854, 0.6057, 0.3441



15.8504, 0.3238, 0.3207



10.5158, 0.5573, 0.2844



0.8930, 0.5208, 0.2642

Inverse Universe

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



20.2048, 0.5293, 0.2766



21.9888, 0.5623, 0.2872



53.3383, 0.2155, 0.2905



15.8504, 0.3238, 0.3207



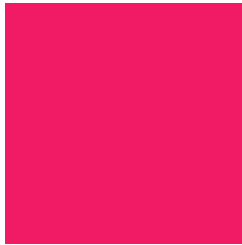
10.5158, 0.5573, 0.2844



0.8930, 0.5208, 0.2642

Previews

White Background



This preview shows how the Yxy color 20.2036, 0.5293, 0.2766 looks on a white background.

Color Contrast Check

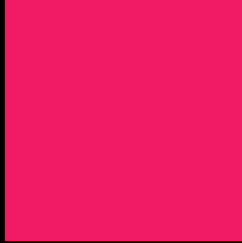
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2036, 0.5293, 0.2766 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 20.2036, 0.5293, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 20.2036, 0.5293, 0.2766.

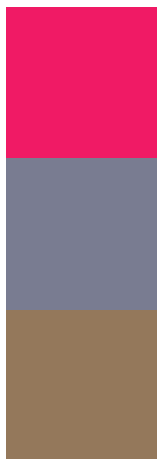


This preview shows how white text looks on a background with the Yxy color 20.2036, 0.5293, 0.2766.

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

20.2036, 0.5293, 0.2766

Protanopia

20.5246, 0.2869, 0.2915

Deuteranopia

20.4842, 0.3851, 0.3789



Tritanopia

20.3206, 0.5969, 0.3304

Trichromacy



Original Color

20.2036, 0.5293, 0.2766



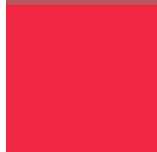
Protanomaly

16.4569, 0.3673, 0.2656



Deuteranomaly

17.3056, 0.4475, 0.3168



Tritanomaly

20.1834, 0.5789, 0.3134

Monochromacy



Original Color

20.2036, 0.5293, 0.2766



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

12.0196, 0.4045, 0.2836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.2036, 0.5293, 0.2766 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(240, 26, 101)` looks like.

```
.text, #text, p{  
  color:rgb(240, 26, 101)  
}
```

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(240, 26, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 26, 101) }
```

Border

The CSS property to change the border of an element to Yxy 20.2036, 0.5293, 0.2766 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(240, 26, 101) }
```

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

```
.border{ border-color:rgb(240, 26, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 26, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 26, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 26, 101);  
box-shadow:4px 4px 4px 4px rgb(240, 26,  
101) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 20.2036, 0.5293, 0.2766$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 26, 101) }
```

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

```
.background{ background-color: rgb(240, 26,  
101) }
```

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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