

Converting Colors

$Y_{xy}(21.1523, 0.5303, 0.2710)$

Have a look what the booklet for
Yxy(21.1523, 0.5303, 0.2710)
contains.

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Color

Yxy(21.1490, 0.5301, 0.2709)

Conversions

Conversions Part 1

Format	Color
Hex	F8076A
RGB	248, 7, 106
RGB Percent	97%, 3%, 42%
CMY	0.0275, 0.9718, 0.5843
CMYK	0.00, 0.97, 0.57, 0.03
HSL	335°, 94%, 50%
HSV	335°, 97%, 97%
XYZ	41.3846, 21.1490, 15.5358
YIQ	90.3450, 111.8570, 81.8810

Conversions

Conversions Part 2

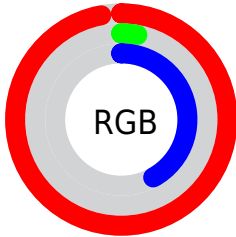
Format	Color
RYB	248, 7, 106
Decimal	16254826
CIELab	53.11, 81.07, 14.65
CIElCh	53, 82.384, 10.243
Yxy	21.1490, 0.5301, 0.2709
Android (android.graphics.Color)	4294444906 (0xFFFF8076A)
YUV	90.3450, 7.7179, 138.2634
Hunter-Lab	45.9880, 80.1529, 12.1621

Details

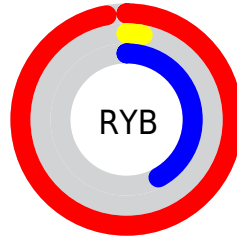
The Yxy color **21.1490, 0.5301, 0.2709** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **69.3470, 0.2636, 0.4677**, and the grayscale version is **10.2956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.6180, 0.4320, 0.2721**, and **10.5166, 0.5667, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **20.9079, 0.5380, 0.2738**, and if you desaturate by 10%, it is **22.3575, 0.5015, 0.2629**.

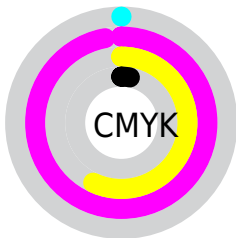
Distribution



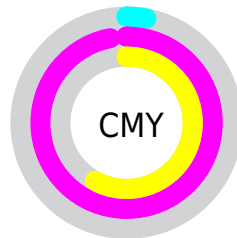
- Red (97%)
- Green (3%)
- Blue (42%)



- Red (97%)
- Yellow (3%)
- Blue (42%)



- Cyan (0%)
- Magenta (97%)
- Yellow (57%)
- Black (3%)




- Cyan (3%)
- Magenta (97%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1490, 0.5301, 0.2709 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 21.1490, 0.5301, 0.2709 by changing the saturation by 10% instead.


 21.1490, 0.5301,
0.2709


 21.1490, 0.5301,
0.2709


258.0693, 0.4086,
0.3075


 13.2330, 0.5639,
0.2590


 45.3354, 0.4831,
0.2862


 7.5892, 0.6087,
0.2421


 62.3745, 0.4663,
0.2913

 3.8332, 0.6697,
0.2170

 83.2235, 0.4524,
0.2954

 1.5807, 0.7582,
0.1789

 108.2666, 0.4408,
0.2987

 0.3445, 0.9060,
0.0940

 137.8884, 0.4309,
0.3015

 0.0000, 1.0000,
0.0000

 172.4732, 0.4224,

 0.0000, 0.0000,

0.3038

0.0000

212.4053, 0.4150,
0.3058

■ 21.1490, 0.5301,
0.2709

■ 21.1490, 0.5301,
0.2709

■ 20.9079, 0.5380,
0.2738

■ 22.3575, 0.5015,
0.2629

■ 24.6157, 0.4710,
0.2603

■ 28.1247, 0.4408,
0.2627

■ 33.0406, 0.4126,
0.2692

■ 39.4966, 0.3875,
0.2783

■ 47.6099, 0.3659,
0.2889

■ 57.4866, 0.3477,
0.3000

■ 69.2236, 0.3326,
0.3111

■ 82.9110, 0.3202,
0.3218

Harmonies

Analogous

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



21.1490, 0.3846, 0.2021



21.1490, 0.5301, 0.2709



21.1490, 0.5877, 0.3481

Triad

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



21.1490, 0.5301, 0.2709



21.1490, 0.3209, 0.6093



21.1490, 0.1072, 0.1514

Complementary

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



21.1490, 0.5301, 0.2709



69.3470, 0.2636, 0.4677

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.



21.1490, 0.0980, 0.2099



21.1490, 0.5301, 0.2709



21.1490, 0.2052, 0.5334

Square

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



21.1490, 0.5301, 0.2709



21.1490, 0.4412, 0.5400



21.1490, 0.1260, 0.3438



21.1490, 0.1511, 0.1377

Rectangle

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



21.1490, 0.5301, 0.2709



21.1490, 0.5666, 0.4053



21.1490, 0.1260, 0.3438



21.1490, 0.1005, 0.1647

Sweetspot

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



21.1503, 0.5301, 0.2709



59.0510, 0.3510, 0.2979



13.1965, 0.2207, 0.0998



11.6611, 0.3586, 0.2931



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.



21.1503, 0.5301, 0.2709



22.2724, 0.5384, 0.2740



20.7653, 0.6307, 0.3346



17.3433, 0.3229, 0.3193



11.3224, 0.5340, 0.2715



1.0691, 0.5028, 0.2543

Inverse Universe

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



21.1503, 0.5301, 0.2709



22.2724, 0.5384, 0.2740



62.2646, 0.2178, 0.3030



17.3433, 0.3229, 0.3193



11.3224, 0.5340, 0.2715



1.0691, 0.5028, 0.2543

Previews

White Background



This preview shows how the Yxy color 21.1490, 0.5301, 0.2709 looks on a white background.

Color Contrast Check

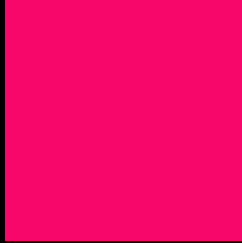
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1490, 0.5301, 0.2709 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 21.1490, 0.5301, 0.2709

Background



This preview shows how black text looks on a background with the Yxy color 21.1490, 0.5301, 0.2709.



This preview shows how white text looks on a background with the Yxy color 21.1490, 0.5301, 0.2709.

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

21.1490, 0.5301, 0.2709

Protanopia

21.6494, 0.2796, 0.2822

Deuteranopia

21.5898, 0.3810, 0.3747



Tritanopia

21.4807, 0.6049, 0.3309

Trichromacy



Original Color

21.1490, 0.5301, 0.2709



Protanomaly

16.3175, 0.3619, 0.2486



Deuteranomaly

17.2441, 0.4490, 0.3037



Tritanomaly

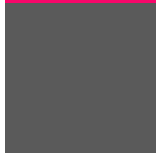
21.0844, 0.5864, 0.3108

Monochromacy



Original Color

21.1490, 0.5301, 0.2709



Achromatopsia

10.2242, 0.3127, 0.3290



Achromatomaly

10.2793, 0.4119, 0.2687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1490, 0.5301, 0.2709 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(248, 7, 106)` looks like.

```
.text, #text, p{  
  color:rgb(248, 7, 106)  
}
```

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(248, 7, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 7, 106) }
```

Border

The CSS property to change the border of an element to Yxy 21.1490, 0.5301, 0.2709 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(248, 7, 106) }
```

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

```
.border{ border-color:rgb(248, 7, 106) }
```

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

Here you see how a box with a 4 pixel rgb(248, 7, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 7, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 7, 106);  
box-shadow:4px 4px 4px 4px rgb(248, 7,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1490, 0.5301, 0.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 7, 106) }
```

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

```
.background{ background-color: rgb(248, 7,  
106) }
```

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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