

Converting Colors

Yxy(21.1633, 0.5212, 0.2668)

Have a look what the booklet for
Yxy(21.1633, 0.5212, 0.2668)
contains.

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Color

Yxy(21.1612, 0.5204, 0.2663)

Conversions

Conversions Part 1

Format	Color
Hex	F70B6F
RGB	247, 11, 111
RGB Percent	97%, 4%, 44%
CMY	0.0313, 0.9573, 0.5646
CMYK	0.00, 0.96, 0.55, 0.03
HSL	335°, 94%, 51%
HSV	335°, 96%, 97%
XYZ	41.3529, 21.1612, 16.9496
YIQ	92.9640, 108.5560, 81.1320

Conversions

Conversions Part 2

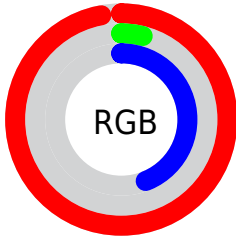
Format	Color
R_{YB}	247, 11, 111
Decimal	16190319
CIE _{Lab}	53.13, 80.92, 11.59
CIE _{LCh}	53, 81.744, 8.154
Yxy	21.1612, 0.5204, 0.2663
Android (android.graphics.Color)	4294380399 (0xFFFF70B6F)
YUV	92.9640, 8.8917, 135.0896
Hunter-Lab	46.0013, 79.9606, 10.3549

Details

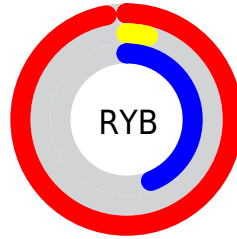
The Yxy color **21.1612, 0.5204, 0.2663** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **68.7069, 0.2645, 0.4701**, and the grayscale version is **10.8814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.7923, 0.4254, 0.2671**, and **10.4374, 0.5577, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **20.7927, 0.5322, 0.2706**, and if you desaturate by 10%, it is **22.5012, 0.4921, 0.2593**.

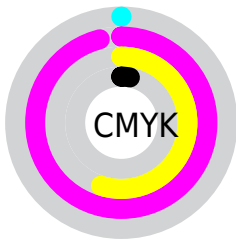
Distribution



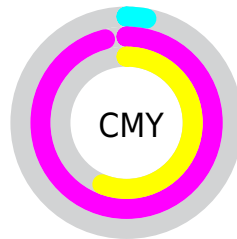
- Red (97%)
- Green (4%)
- Blue (44%)



- Red (97%)
- Yellow (4%)
- Blue (44%)



- Cyan (0%)
- Magenta (96%)
- Yellow (55%)
- Black (3%)





- Cyan (3%)
- Magenta (96%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1612, 0.5204, 0.2663 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 21.1612, 0.5204, 0.2663 by changing the saturation by 10% instead.


 21.1612, 0.5204,
0.2663


 21.1612, 0.5204,
0.2663


258.1339, 0.4043,
0.3044


 13.2419, 0.5529,
0.2543


 45.3557, 0.4755,
0.2819


 7.5953, 0.5961,
0.2375


 62.3996, 0.4594,
0.2873


 3.8371, 0.6555,
0.2128

 83.2539, 0.4461,
0.2916

 1.5829, 0.7397,
0.1750

 108.3029, 0.4350,
0.2951

 0.3460, 0.9055,
0.0945

 137.9310, 0.4256,
0.2980

 0.0000, 1.0000,
0.0000

172.5226, 0.4175,

 0.0000, 0.0000,

0.3005

0.0000

212.4621, 0.4105,
0.3026

■ 21.1612, 0.5204,
0.2663

■ 21.1612, 0.5204,
0.2663

■ 20.7927, 0.5322,
0.2706

■ 22.5012, 0.4921,
0.2593


■ 24.9170, 0.4623,
0.2578


■ 28.5952, 0.4332,
0.2612


■ 33.6862, 0.4062,
0.2685

■ 40.3189, 0.3823,
0.2782

 48.6075, 0.3618,
0.2893

 58.6555, 0.3445,
0.3008

 70.5575, 0.3302,
0.3122

 84.4016, 0.3184,
0.3232

Harmonies

Analogous

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



21.1612, 0.3732, 0.1988



21.1612, 0.5204, 0.2663



21.1612, 0.5856, 0.3429

Triad

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



21.1612, 0.5204, 0.2663



21.1612, 0.3298, 0.6057



21.1612, 0.1065, 0.1548

Complementary

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



21.1612, 0.5204, 0.2663



68.7069, 0.2645, 0.4701

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.



21.1612, 0.0997, 0.2174



21.1612, 0.5204, 0.2663



21.1612, 0.2135, 0.5425

Square

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



21.1612, 0.5204, 0.2663



21.1612, 0.4490, 0.5322



21.1612, 0.1309, 0.3564



21.1612, 0.1476, 0.1385

Rectangle

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



21.1612, 0.5204, 0.2663



21.1612, 0.5692, 0.3992



21.1612, 0.1309, 0.3564



21.1612, 0.1006, 0.1692

Sweetspot

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



21.1625, 0.5204, 0.2663



59.1023, 0.3501, 0.2968



12.9449, 0.2187, 0.0992



11.6733, 0.3576, 0.2919



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.



21.1625, 0.5204, 0.2663



22.3457, 0.5326, 0.2708



20.5682, 0.6299, 0.3338



16.5992, 0.3227, 0.3190



11.0216, 0.5280, 0.2683



0.9888, 0.4960, 0.2506

Inverse Universe

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



21.1625, 0.5204, 0.2663



22.3457, 0.5326, 0.2708



64.0941, 0.2195, 0.3087



16.5992, 0.3227, 0.3190



11.0216, 0.5280, 0.2683



0.9888, 0.4960, 0.2506

Previews

White Background



This preview shows how the Yxy color 21.1612, 0.5204, 0.2663 looks on a white background.

Color Contrast Check

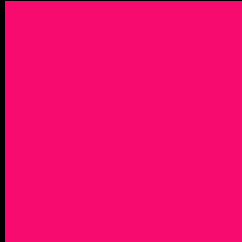
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1612, 0.5204, 0.2663 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 21.1612, 0.5204, 0.2663

Background



This preview shows how black text looks on a background with the Yxy color 21.1612, 0.5204, 0.2663.

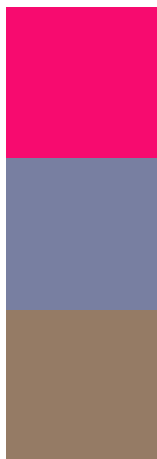


This preview shows how white text looks on a background with the Yxy color 21.1612, 0.5204, 0.2663.

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

21.1612, 0.5204, 0.2663

Protanopia

21.7450, 0.2711, 0.2709

Deuteranopia

21.4951, 0.3723, 0.3666



Tritanopia

21.2917, 0.6005, 0.3304

Trichromacy



Original Color

21.1612, 0.5204, 0.2663



Protanomaly

16.5872, 0.3497, 0.2423



Deuteranomaly

17.3688, 0.4386, 0.2979



Tritanomaly

20.9175, 0.5805, 0.3094

Monochromacy



Original Color

21.1612, 0.5204, 0.2663



Achromatopsia

10.9462, 0.3127, 0.3290



Achromatomaly

10.8647, 0.4055, 0.2675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1612, 0.5204, 0.2663 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(247, 11, 111)` looks like.

```
.text, #text, p{  
    color:rgb(247, 11, 111)  
}
```

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(247, 11, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 11, 111) }
```

Border

The CSS property to change the border of an element to Yxy 21.1612, 0.5204, 0.2663 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(247, 11, 111) }
```

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

```
.border{ border-color:rgb(247, 11, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 11, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 11, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 11, 111);  
box-shadow:4px 4px 4px 4px rgb(247, 11,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1612, 0.5204, 0.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 11, 111) }
```

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

```
.background{ background-color: rgb(247, 11,  
111) }
```

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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