

Converting Colors

$Y_{xy}(30.9352, 0.4112, 0.2547)$

Have a look what the booklet for
Yxy(30.9352, 0.4112, 0.2547)
contains.

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Color

Yxy(30.9680, 0.4114, 0.2554)

Conversions

Conversions Part 1

Format	Color
Hex	F85FA8
RGB	248, 95, 168
RGB Percent	97%, 37%, 66%
CMY	0.0273, 0.6276, 0.3411
CMYK	0.00, 0.62, 0.32, 0.03
HSL	331°, 92%, 67%
HSV	331°, 62%, 97%
XYZ	49.8835, 30.9680, 40.4015
YIQ	149.0690, 67.7550, 55.1390

Conversions

Conversions Part 2

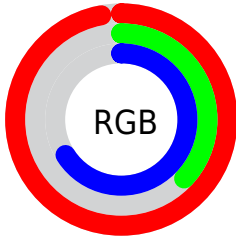
Format	Color
R _Y B	248, 95, 168
Decimal	16277416
CIE Lab	62.48, 65.03, -8.41
CIE LCh	62, 65.576, 352.635
Yxy	30.9680, 0.4114, 0.2554
Android (android.graphics.Color)	4294467496 (0xFFFF85FA8)
YUV	149.0690, 9.3330, 86.7625
Hunter-Lab	55.6489, 62.6211, -4.0907

Details

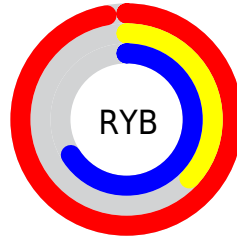
The Yxy color **30.9680, 0.4114, 0.2554** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **72.6859, 0.2694, 0.4254**, and the grayscale version is **30.0202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0442, 0.3451, 0.2573**, and **12.8809, 0.4431, 0.2344** is the 20% darker color. If you saturate the color by 10%, you get **26.7325, 0.4366, 0.2491**, and if you desaturate by 10%, it is **36.6766, 0.3884, 0.2650**.

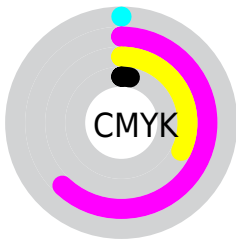
Distribution



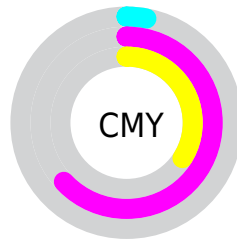
- Red (97%)
- Green (37%)
- Blue (66%)



- Red (97%)
- Yellow (37%)
- Blue (66%)



- Cyan (0%)
- Magenta (62%)
- Yellow (32%)
- Black (3%)




- Cyan (3%)
- Magenta (63%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9680, 0.4114, 0.2554 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 30.9680, 0.4114, 0.2554 by changing the saturation by 10% instead.


 30.9680, 0.4114,
0.2554


 30.9680, 0.4114,
0.2554


306.3909, 0.3599,
0.2928


 20.5745, 0.4249,
0.2460

 61.1897, 0.3922,
0.2691


 12.8133, 0.4425,
0.2338


 81.7866, 0.3852,
0.2742

 7.3001, 0.4664,
0.2177


 106.5535, 0.3793,
0.2785

 3.6505, 0.5007,
0.1953

 135.8748, 0.3742,
0.2822

 1.4800, 0.5531,
0.1626

170.1347, 0.3699,
0.2854

 0.2746, 0.6648,
0.0793

209.7178, 0.3662,

 0.0000, 1.0000,

0.2882

0.0000

255.0084, 0.3629,
0.2906

■ 0.0000, 0.0000,
0.0000

■ 30.9680, 0.4114,
0.2554

■ 30.9680, 0.4114,
0.2554

■ 26.7325, 0.4366,
0.2491

■ 36.6766, 0.3884,
0.2650

■ 23.8235, 0.4630,
0.2475

■ 43.9770, 0.3683,
0.2767


■ 22.0720, 0.4891,
0.2513


■ 52.9810, 0.3509,
0.2895

■ 21.2809, 0.5096,
0.2581

■ 63.7890, 0.3364,
0.3024

■ 76.4935, 0.3243,
0.3150

 91.1807, 0.3142,
0.3270

 98.7040, 0.3084,
0.3290

Harmonies

Analogous

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



30.9680, 0.3031, 0.2074



30.9680, 0.4114, 0.2554



30.9680, 0.4954, 0.3181

Triad

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



30.9680, 0.4114, 0.2554



30.9680, 0.3888, 0.5162



30.9680, 0.1436, 0.2199

Complementary

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



30.9680, 0.4114, 0.2554



72.6859, 0.2694, 0.4254

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.



30.9680, 0.1573, 0.2990



30.9680, 0.4114, 0.2554



30.9680, 0.2938, 0.5106

Square

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



30.9680, 0.4114, 0.2554



30.9680, 0.4703, 0.4596



30.9680, 0.2088, 0.4168



30.9680, 0.1627, 0.1847

Rectangle

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



30.9680, 0.4114, 0.2554



30.9680, 0.5160, 0.3639



30.9680, 0.2088, 0.4168



30.9680, 0.1443, 0.2409

Sweetspot

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



30.9696, 0.4114, 0.2554



71.3626, 0.3329, 0.3058



23.9626, 0.2502, 0.1557



14.4923, 0.3366, 0.3022



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.



30.9696, 0.4114, 0.2554



27.6038, 0.4428, 0.2483



29.4344, 0.5088, 0.3320



17.3632, 0.3219, 0.3177



11.5196, 0.5059, 0.2561



1.0882, 0.4780, 0.2407

Inverse Universe

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



30.9696, 0.4114, 0.2554



27.6038, 0.4428, 0.2483



74.8126, 0.2371, 0.3257



17.3632, 0.3219, 0.3177



11.5196, 0.5059, 0.2561



1.0882, 0.4780, 0.2407

Previews

White Background



This preview shows how the Yxy color 30.9680, 0.4114, 0.2554 looks on a white background.

Color Contrast Check

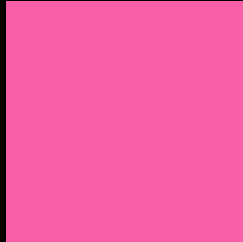
Large Text (above 18pt) WCAG AA × Fail

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 30.9680, 0.4114, 0.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

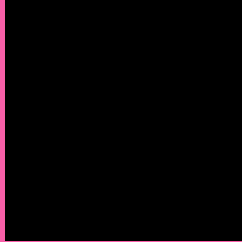
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9680, 0.4114, 0.2554

Background



This preview shows how black text looks on a background with the Yxy color 30.9680, 0.4114, 0.2554.



This preview shows how white text looks on a background with the Yxy color 30.9680, 0.4114, 0.2554.

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

30.9680, 0.4114, 0.2554

Protanopia

31.4547, 0.2553, 0.2503

Deuteranopia

31.0869, 0.3157, 0.3098



Tritanopia

30.9634, 0.4747, 0.3223

Trichromacy



Original Color

30.9680, 0.4114, 0.2554



Protanomaly

29.1181, 0.3010, 0.2460



Deuteranomaly

29.4201, 0.3487, 0.2825



Tritanomaly

30.8342, 0.4515, 0.2974

Monochromacy



Original Color

30.9680, 0.4114, 0.2554



Achromatopsia

30.0544, 0.3127, 0.3290



Achromatomaly

28.4151, 0.3475, 0.2917

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9680, 0.4114, 0.2554 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, 95, 168)` looks like.

```
.text, #text, p{  
    color:rgb(248, 95, 168)  
}
```

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, 95, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 95, 168) }
```

Border

The CSS property to change the border of an element to Yxy 30.9680, 0.4114, 0.2554 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, 95, 168) }
```

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

```
.border{ border-color:rgb(248, 95, 168) }
```

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

Here you see how a box with a 4 pixel rgb(248, 95, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 95, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 95, 168);  
box-shadow:4px 4px 4px 4px rgb(248, 95,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9680, 0.4114, 0.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 95, 168) }
```

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

```
.background{ background-color: rgb(248, 95,  
168) }
```

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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