

Converting Colors

$Y_{xy}(65.4183, 0.4985, 0.2782)$

Have a look what the booklet for
Yxy(65.4183, 0.4985, 0.2782)
contains.

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Color

Yxy(32.7682, 0.3966, 0.2407)

Conversions

Conversions Part 1

Format	Color
Hex	FF5EB9
RGB	255, 94, 185
RGB Percent	100%, 37%, 73%
CMY	0.0001, 0.6312, 0.2745
CMYK	0.00, 0.63, 0.27, 0.00
HSL	326°, 100%, 68%
HSV	326°, 63%, 100%
XYZ	53.9920, 32.7682, 49.3769
YIQ	152.5130, 66.7450, 62.4330

Conversions

Conversions Part 2

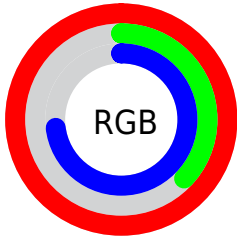
Format	Color
R _Y B	255, 94, 185
Decimal	16735929
CIE _{Lab}	63.97, 69.39, -15.77
CIE _{LCh}	64, 71.155, 347.193
Yxy	32.7682, 0.3966, 0.2407
Android (android.graphics.Color)	4294926009 (0xFFFF5EB9)
YUV	152.5130, 16.0161, 89.8811
Hunter-Lab	57.2435, 68.1847, -11.0717

Details

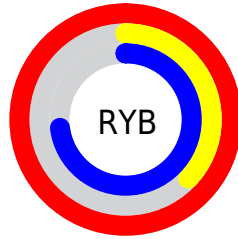
The Yxy color **32.7682, 0.3966, 0.2407** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **76.5652, 0.2752, 0.4476**, and the grayscale version is **31.5464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0673, 0.3291, 0.2411**, and **13.7885, 0.4204, 0.2168** is the 20% darker color. If you saturate the color by 10%, you get **28.5075, 0.4167, 0.2331**, and if you desaturate by 10%, it is **38.5659, 0.3780, 0.2519**.

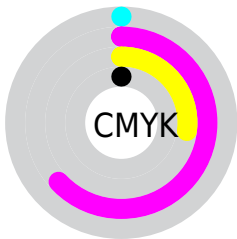
Distribution



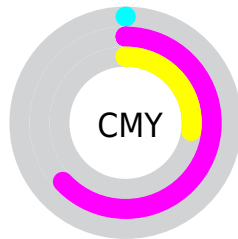
- Red (100%)
- Green (37%)
- Blue (73%)



- Red (100%)
- Yellow (37%)
- Blue (73%)



- Cyan (0%)
- Magenta (63%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7682, 0.3966, 0.2407 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 32.7682, 0.3966, 0.2407 by changing the saturation by 10% instead.


 32.7682, 0.3966,
0.2407

 32.7682, 0.3966,
0.2407


314.6039, 0.3541,
0.2840


 21.9489, 0.4073,
0.2303


 64.0135, 0.3811,
0.2562

 13.8194, 0.4211,
0.2171


 85.2082, 0.3753,
0.2621

 7.9951, 0.4394,
0.2000


 110.6303, 0.3704,
0.2671

 4.0918, 0.4648,
0.1772

 140.6641, 0.3662,
0.2714

 1.7251, 0.5022,
0.1455

175.6939, 0.3625,
0.2752

 0.4398, 0.5692,
0.0876

216.1043, 0.3594,

 0.0000, 0.7415,

0.2785

0.0000

262.2795, 0.3566,
0.2814

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.7682, 0.3966,
0.2407

■ 32.7682, 0.3966,
0.2407

■ 28.5075, 0.4167,
0.2331

■ 38.5659, 0.3780,
0.2519

■ 25.6239, 0.4376,
0.2303

■ 46.0292, 0.3613,
0.2655

■ 23.9314, 0.4583,
0.2329

■ 55.2791, 0.3467,
0.2803

■ 23.2718, 0.4720,
0.2374

■ 66.4237, 0.3343,
0.2954

 79.5624, 0.3239,
0.3104

 94.7878, 0.3151,
0.3247

99.9949, 0.3127,
0.3290

Harmonies

Analogous

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



32.7682, 0.2826, 0.1948



32.7682, 0.3966, 0.2407



32.7682, 0.4952, 0.3036

Triad

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



32.7682, 0.3966, 0.2407



32.7682, 0.4080, 0.5185



32.7682, 0.1355, 0.2244

Complementary

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



32.7682, 0.3966, 0.2407



76.5652, 0.2752, 0.4476

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.



32.7682, 0.1557, 0.3166



32.7682, 0.3966, 0.2407



32.7682, 0.3091, 0.5322

Square

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



32.7682, 0.3966, 0.2407



32.7682, 0.4895, 0.4503



32.7682, 0.2161, 0.4463



32.7682, 0.1495, 0.1810

Rectangle

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



32.7682, 0.3966, 0.2407



32.7682, 0.5256, 0.3502



32.7682, 0.2161, 0.4463



32.7682, 0.1382, 0.2492

Sweetspot

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



32.7699, 0.3966, 0.2407



71.6046, 0.3298, 0.3016



23.0994, 0.2369, 0.1467



14.5507, 0.3329, 0.2973



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.



32.7699, 0.3966, 0.2407



27.5491, 0.4227, 0.2318



30.2823, 0.5046, 0.3198



18.1591, 0.3205, 0.3156



12.1935, 0.4689, 0.2357



1.2092, 0.4473, 0.2238

Inverse Universe

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



32.7699, 0.3966, 0.2407



27.5491, 0.4227, 0.2318



80.4309, 0.2409, 0.3416



18.1591, 0.3205, 0.3156



12.1935, 0.4689, 0.2357



1.2092, 0.4473, 0.2238

Previews

White Background



This preview shows how the Yxy color 32.7682, 0.3966, 0.2407 looks on a white background.

Color Contrast Check

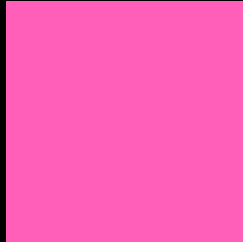
Large Text (above 18pt) WCAG AA × Fail

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 32.7682, 0.3966, 0.2407 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 32.7682, 0.3966, 0.2407

Background



This preview shows how black text looks on a background with the Yxy color 32.7682, 0.3966, 0.2407.



This preview shows how white text looks on a background with the Yxy color 32.7682, 0.3966, 0.2407.

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

32.7682, 0.3966, 0.2407

Protanopia

33.1538, 0.2387, 0.2286

Deuteranopia

32.7414, 0.2988, 0.2929



Tritanopia

32.5996, 0.4724, 0.3214

Trichromacy



Original Color

32.7682, 0.3966, 0.2407



Protanomaly

30.4861, 0.2824, 0.2263



Deuteranomaly

30.8220, 0.3330, 0.2657



Tritanomaly

32.3629, 0.4462, 0.2910

Monochromacy



Original Color

32.7682, 0.3966, 0.2407



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

30.1663, 0.3424, 0.2847

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7682, 0.3966, 0.2407 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(255, 94, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 185)  
}
```

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(255, 94, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 185) }
```

Border

The CSS property to change the border of an element to Yxy 32.7682, 0.3966, 0.2407 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(255, 94, 185) }
```

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

```
.border{ border-color:rgb(255, 94, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7682, 0.3966, 0.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 185) }
```

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

```
.background{ background-color: rgb(255, 94,  
185) }
```

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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