

Converting Colors

$Y_{xy}(32.5068, 0.4070, 0.2642)$

Have a look what the booklet for
Yxy(32.5068, 0.4070, 0.2642)
contains.

Yxy(32.5231, 0.4064, 0.2637)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.5231, 0.4064, 0.2637)

Conversions

Conversions Part 1

Format	Color
Hex	F669A8
RGB	246, 105, 168
RGB Percent	96%, 41%, 66%
CMY	0.0353, 0.5882, 0.3411
CMYK	0.00, 0.57, 0.32, 0.04
HSL	333°, 89%, 69%
HSV	333°, 57%, 96%
XYZ	50.1228, 32.5231, 40.6878
YIQ	154.3410, 63.8130, 49.4850

Conversions

Conversions Part 2

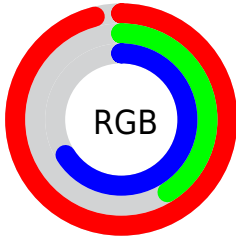
Format	Color
R _Y B	246, 105, 168
Decimal	16148904
CIE Lab	63.77, 60.11, -6.52
CIE LCh	64, 60.461, 353.813
Yxy	32.5231, 0.4064, 0.2637
Android (android.graphics.Color)	4294338984 (0xFFFF669A8)
YUV	154.3410, 6.7339, 80.3849
Hunter-Lab	57.0290, 57.0829, -2.3806

Details

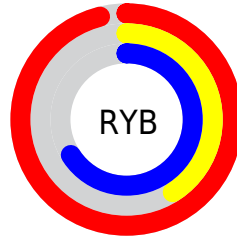
The Yxy color **32.5231, 0.4064, 0.2637** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **72.3261, 0.2690, 0.4111**, and the grayscale version is **32.4242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0775, 0.3439, 0.2661**, and **13.6540, 0.4361, 0.2442** is the 20% darker color. If you saturate the color by 10%, you get **27.7359, 0.4325, 0.2565**, and if you desaturate by 10%, it is **38.8154, 0.3831, 0.2737**.

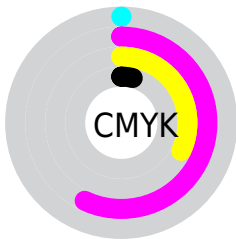
Distribution



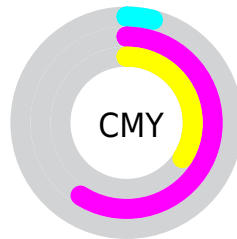
- Red (96%)
- Green (41%)
- Blue (66%)



- Red (96%)
- Yellow (41%)
- Blue (66%)



- Cyan (0%)
- Magenta (57%)
- Yellow (32%)
- Black (4%)





- Cyan (4%)
- Magenta (59%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5231, 0.4064, 0.2637 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 32.5231, 0.4064, 0.2637 by changing the saturation by 10% instead.

 32.5231, 0.4064,
0.2637

 32.5231, 0.4064,
0.2637


313.4953, 0.3577,
0.2969

 21.7614, 0.4191,
0.2553


 63.6302, 0.3883,
0.2759


 13.6817, 0.4358,
0.2444


 84.7445, 0.3816,
0.2804

 7.8996, 0.4584,
0.2299


 110.0783, 0.3760,
0.2843

 4.0308, 0.4908,
0.2096

 140.0161, 0.3712,
0.2875

 1.6908, 0.5405,
0.1796

174.9423, 0.3671,
0.2904

 0.4177, 0.6374,
0.1140

215.2413, 0.3635,


 0.0000, 1.0000,


0.2928


0.0000


261.2975, 0.3604,
0.2950


 0.0000, 0.0000,
0.0000

 32.5231, 0.4064,
0.2637


 32.5231, 0.4064,
0.2637


 27.7359, 0.4325,
0.2565


 38.8154, 0.3831,
0.2737

 24.3185, 0.4604,
0.2533


 46.7229, 0.3630,
0.2852


 22.1194, 0.4887,
0.2553

 56.3510, 0.3459,
0.2973

 20.9397, 0.5155,
0.2627

 67.7946, 0.3317,
0.3093

 20.7145, 0.5225,
0.2652

 81.1418, 0.3200,
0.3209

96.4748, 0.3103,
0.3319

98.3304, 0.3072,
0.3290

Harmonies

Analogous

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



32.5231, 0.3083, 0.2178



32.5231, 0.4064, 0.2637



32.5231, 0.4808, 0.3233

Triad

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



32.5231, 0.4064, 0.2637



32.5231, 0.3820, 0.5013



32.5231, 0.1558, 0.2277

Complementary

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



32.5231, 0.4064, 0.2637



72.3261, 0.2690, 0.4111

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.



32.5231, 0.1682, 0.2995



32.5231, 0.4064, 0.2637



32.5231, 0.2940, 0.4896

Square

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



32.5231, 0.4064, 0.2637



32.5231, 0.4571, 0.4546



32.5231, 0.2158, 0.4040



32.5231, 0.1750, 0.1950

Rectangle

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



32.5231, 0.4064, 0.2637



32.5231, 0.4988, 0.3667



32.5231, 0.2158, 0.4040



32.5231, 0.1563, 0.2470

Sweetspot

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



32.5248, 0.4064, 0.2637



73.9429, 0.3314, 0.3097



26.7720, 0.2601, 0.1694



15.2544, 0.3340, 0.3073



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.



32.5248, 0.4064, 0.2637



29.3167, 0.4375, 0.2556



32.2136, 0.4843, 0.3366



16.6056, 0.3223, 0.3185



11.0853, 0.5185, 0.2630



0.9947, 0.4876, 0.2460

Inverse Universe

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



32.5248, 0.4064, 0.2637



29.3167, 0.4375, 0.2556



71.3540, 0.2393, 0.3203



16.6056, 0.3223, 0.3185



11.0853, 0.5185, 0.2630



0.9947, 0.4876, 0.2460

Previews

White Background



This preview shows how the Yxy color 32.5231, 0.4064, 0.2637 looks on a white background.

Color Contrast Check

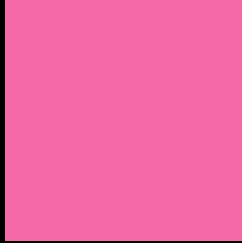
Large Text (above 18pt) WCAG AA × Fail

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 32.5231, 0.4064, 0.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

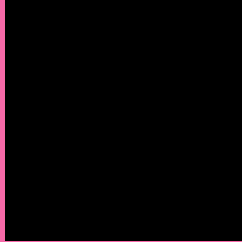
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5231, 0.4064, 0.2637

Background



This preview shows how black text looks on a background with the Yxy color 32.5231, 0.4064, 0.2637.



This preview shows how white text looks on a background with the Yxy color 32.5231, 0.4064, 0.2637.

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

32.5231, 0.4064, 0.2637

Protanopia

32.7922, 0.2648, 0.2620

Deuteranopia

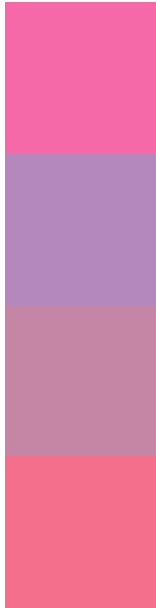
32.6014, 0.3195, 0.3131



Tritanopia

32.5439, 0.4578, 0.3220

Trichromacy



Original Color

32.5231, 0.4064, 0.2637

Protanomaly

30.9425, 0.3078, 0.2595

Deuteranomaly

31.4663, 0.3497, 0.2896

Tritanomaly

32.2876, 0.4390, 0.2996

Monochromacy



Original Color

32.5231, 0.4064, 0.2637

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

30.6763, 0.3449, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5231, 0.4064, 0.2637 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(246, 105, 168)` looks like.

```
.text, #text, p{  
    color:rgb(246, 105, 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(246, 105, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 105, 168) }
```

Border

The CSS property to change the border of an element to Yxy 32.5231, 0.4064, 0.2637 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(246, 105, 168) }
```

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

```
.border{ border-color:rgb(246, 105, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 105, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 105, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 105, 168); box-shadow:4px 4px 4px 4px rgb(246, 105, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5231, 0.4064, 0.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 105, 168) }
```

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

```
.background{ background-color: rgb(246,  
105, 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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