

Converting Colors

$Y_{xy}(70.3504, 0.5297, 0.2951)$

Have a look what the booklet for
Yxy(70.3504, 0.5297, 0.2951)
contains.

Yxy(32.0888, 0.4253, 0.2627)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.0888, 0.4253, 0.2627)

Conversions

Conversions Part 1

Format	Color
Hex	FF5FA3
RGB	255, 95, 163
RGB Percent	100%, 37%, 64%
CMY	0.0000, 0.6275, 0.3607
CMYK	0.00, 0.63, 0.36, 0.00
HSL	334°, 100%, 69%
HSV	334°, 63%, 100%
XYZ	51.9504, 32.0888, 38.1108
YIQ	150.5920, 73.5320, 55.0680

Conversions

Conversions Part 2

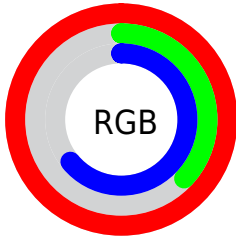
Format	Color
R _Y B	255, 95, 163
Decimal	16736163
CIE Lab	63.42, 66.50, -4.02
CIE LCh	63, 66.619, 356.537
Yxy	32.0888, 0.4253, 0.2627
Android (android.graphics.Color)	4294926243 (0xFFFF5FA3)
YUV	150.5920, 6.1171, 91.5658
Hunter-Lab	56.6470, 64.5684, -0.2361

Details

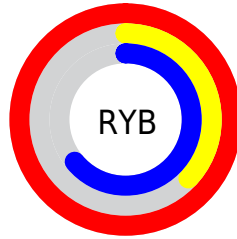
The Yxy color **32.0888, 0.4253, 0.2627** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **77.5386, 0.2653, 0.4161**, and the grayscale version is **30.7092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.1044, 0.3496, 0.2629**, and **13.4475, 0.4620, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **27.7251, 0.4539, 0.2581**, and if you desaturate by 10%, it is **38.0103, 0.3991, 0.2708**.

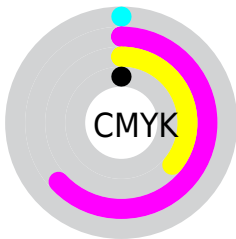
Distribution



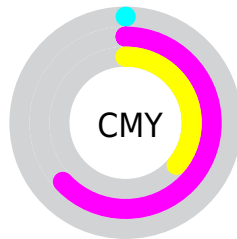
- Red (100%)
- Green (37%)
- Blue (64%)



- Red (100%)
- Yellow (37%)
- Blue (64%)



- Cyan (0%)
- Magenta (63%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0888, 0.4253, 0.2627 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 32.0888, 0.4253, 0.2627 by changing the saturation by 10% instead.


 32.0888, 0.4253,
0.2627


 32.0888, 0.4253,
0.2627


311.5236, 0.3664,
0.2968


 21.4293, 0.4407,
0.2539


 62.9503, 0.4034,
0.2753


 13.4382, 0.4609,
0.2426


 83.9211, 0.3953,
0.2800

 7.7310, 0.4883,
0.2274


 109.0978, 0.3885,
0.2839

 3.9233, 0.5274,
0.2060

 138.8648, 0.3828,
0.2872

 1.6307, 0.5870,
0.1743

173.6064, 0.3778,
0.2901

 0.3782, 0.7063,
0.1037

213.7072, 0.3735,

 0.0000, 1.0000,

0.2927

0.0000

259.5514, 0.3698,
0.2949

0.0000, 0.0000,
0.0000

32.0888, 0.4253,
0.2627

32.0888, 0.4253,
0.2627

27.7251, 0.4539,
0.2581

38.0103, 0.3991,
0.2708

24.7727, 0.4837,
0.2581

45.6326, 0.3761,
0.2811

23.0411, 0.5126,
0.2637

55.0727, 0.3566,
0.2924

22.3514, 0.5322,
0.2705

66.4394, 0.3402,
0.3040

79.8330, 0.3266,
0.3154

 95.3467, 0.3154,
0.3262

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



32.0888, 0.3166, 0.2121



32.0888, 0.4253, 0.2627



32.0888, 0.5027, 0.3268

Triad

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



32.0888, 0.4253, 0.2627



32.0888, 0.3769, 0.5210



32.0888, 0.1438, 0.2127

Complementary

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



32.0888, 0.4253, 0.2627



77.5386, 0.2653, 0.4161

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.



32.0888, 0.1530, 0.2857



32.0888, 0.4253, 0.2627



32.0888, 0.2814, 0.5037

Square

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



32.0888, 0.4253, 0.2627



32.0888, 0.4616, 0.4689



32.0888, 0.1994, 0.4012



32.0888, 0.1672, 0.1822

Rectangle

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



32.0888, 0.4253, 0.2627



32.0888, 0.5170, 0.3731



32.0888, 0.1994, 0.4012



32.0888, 0.1431, 0.2317

Sweetspot

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



32.0859, 0.4253, 0.2627



71.2221, 0.3348, 0.3083



25.7976, 0.2557, 0.1559



14.4585, 0.3388, 0.3050



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.



32.0859, 0.4253, 0.2627



26.9447, 0.4606, 0.2576



32.3220, 0.5084, 0.3393



18.1152, 0.3227, 0.3189



11.7075, 0.5280, 0.2683



1.1612, 0.4989, 0.2522

Inverse Universe

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



32.0859, 0.4253, 0.2627



26.9447, 0.4606, 0.2576



74.5534, 0.2341, 0.3161



18.1152, 0.3227, 0.3189



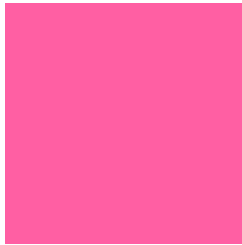
11.7075, 0.5280, 0.2683



1.1612, 0.4989, 0.2522

Previews

White Background



This preview shows how the Yxy color 32.0888, 0.4253, 0.2627 looks on a white background.

Color Contrast Check

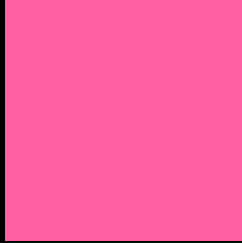
Large Text (above 18pt) WCAG AA × Fail

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 32.0888, 0.4253, 0.2627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

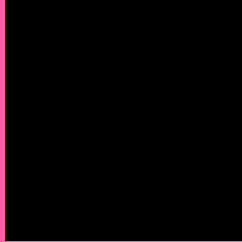
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0888, 0.4253, 0.2627

Background



This preview shows how black text looks on a background with the Yxy color 32.0888, 0.4253, 0.2627.



This preview shows how white text looks on a background with the Yxy color 32.0888, 0.4253, 0.2627.

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

32.0888, 0.4253, 0.2627

Protanopia

32.2893, 0.2630, 0.2602

Deuteranopia

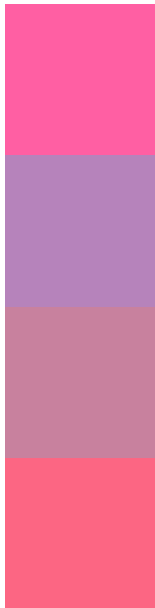
32.1863, 0.3265, 0.3203



Tritanopia

32.0096, 0.4830, 0.3227

Trichromacy



Original Color

32.0888, 0.4253, 0.2627

Protanomaly

29.7655, 0.3110, 0.2544

Deuteranomaly

30.4485, 0.3620, 0.2913

Tritanomaly

31.8369, 0.4628, 0.3007

Monochromacy



Original Color

32.0888, 0.4253, 0.2627

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.4180, 0.3527, 0.2963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0888, 0.4253, 0.2627 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, 95, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 163)  
}
```

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, 95, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 163) }
```

Border

The CSS property to change the border of an element to Yxy 32.0888, 0.4253, 0.2627 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, 95, 163) }
```

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

```
.border{ border-color:rgb(255, 95, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 95, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0888, 0.4253, 0.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 163) }
```

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

```
.background{ background-color: rgb(255, 95,  
163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor