

Converting Colors

$Y_{xy}(32.0122, 0.4621, 0.2954)$

Have a look what the booklet for
Yxy(32.0122, 0.4621, 0.2954)
contains.

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Color

Yxy(32.1236, 0.4612, 0.2953)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF6487 |
| RGB | 255, 100, 135 |
| RGB Percent | 100%, 39%, 53% |
| CMY | 0.0000, 0.6078, 0.4705 |
| CMYK | 0.00, 0.61, 0.47, 0.00 |
| HSL | 346°, 100%, 70% |
| HSV | 346°, 61%, 100% |
| XYZ | 50.1707, 32.1236, 26.4886 |
| YIQ | 150.3350, 81.1450, 43.7450 |

Conversions

Conversions Part 2

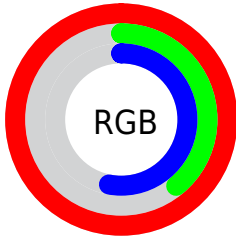
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 100, 135 |
| Decimal | 16737415 |
| CIE Lab | 63.44, 61.65, 12.12 |
| CIE LCh | 63, 62.832, 11.123 |
| Yxy | 32.1236, 0.4612, 0.2953 |
| Android (android.graphics.Color) | 4294927495 (0xFFFF6487) |
| YUV | 150.3350, -7.5602, 91.7912 |
| Hunter-Lab | 56.6777, 58.8210, 11.9649 |

Details

The Yxy color **32.1236, 0.4612, 0.2953** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.3926, 0.2526, 0.3719**, and the grayscale version is **30.6585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0048, 0.3777, 0.2968**, and **13.4604, 0.5086, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **27.4695, 0.5012, 0.2940**, and if you desaturate by 10%, it is **38.4143, 0.4247, 0.2992**.

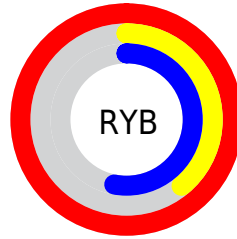
Distribution



Red (100%)

Green (39%)

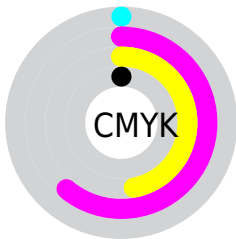
Blue (53%)



Red (100%)

Yellow (39%)

Blue (53%)

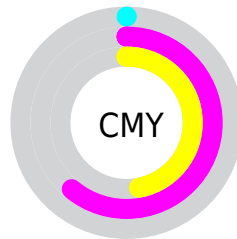


Cyan (0%)

Magenta (61%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1236, 0.4612, 0.2953 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 32.1236, 0.4612, 0.2953 by changing the saturation by 10% instead.

 32.1236, 0.4612,
0.2953


 32.1236, 0.4612,
0.2953


311.6819, 0.3822,
0.3154


 21.4559, 0.4821,
0.2892


 63.0048, 0.4315,
0.3034

 13.4577, 0.5096,
0.2808


 83.9871, 0.4207,
0.3062

 7.7445, 0.5469,
0.2685


 109.1764, 0.4116,
0.3084

 3.9319, 0.5998,
0.2494

 138.9572, 0.4039,
0.3103

 1.6355, 0.6791,
0.2179

173.7137, 0.3973,
0.3119

 0.3814, 0.8599,
0.1401

213.8304, 0.3916,

 0.0000, 1.0000,

0.3132

0.0000

259.6916, 0.3866,
0.3144

0.0000, 0.0000,
0.0000

32.1236, 0.4612,
0.2953

32.1236, 0.4612,
0.2953

27.4695, 0.5012,
0.2940

38.4143, 0.4247,
0.2992

24.2929, 0.5416,
0.2962

46.4708, 0.3932,
0.3046

22.4116, 0.5780,
0.3023

56.4153, 0.3669,
0.3107

21.5607, 0.6046,
0.3104

68.3577, 0.3453,
0.3169

82.3994, 0.3278,
0.3229

98.6347, 0.3137,
0.3286

99.9990, 0.3127,
0.3290

Harmonies

Analogous

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



32.1236, 0.3671, 0.2389



32.1236, 0.4612, 0.2953



32.1236, 0.5056, 0.3607

Triad

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



32.1236, 0.4612, 0.2953



32.1236, 0.3312, 0.5124



32.1236, 0.1581, 0.1999

Complementary

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



32.1236, 0.4612, 0.2953



79.3926, 0.2526, 0.3719

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.



32.1236, 0.1517, 0.2494



32.1236, 0.4612, 0.2953



32.1236, 0.2428, 0.4527

Square

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



32.1236, 0.4612, 0.2953



32.1236, 0.4194, 0.4916



32.1236, 0.1789, 0.3415



32.1236, 0.1963, 0.1860

Rectangle

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



32.1236, 0.4612, 0.2953



32.1236, 0.4986, 0.4066



32.1236, 0.1789, 0.3415



32.1236, 0.1525, 0.2120

Sweetspot

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



32.1253, 0.4612, 0.2953



72.0494, 0.3401, 0.3186



31.3698, 0.2859, 0.1732



14.5959, 0.3456, 0.3168



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.



32.1253, 0.4612, 0.2953



26.6436, 0.5103, 0.2941



41.3292, 0.4756, 0.3701



18.0543, 0.3259, 0.3237



11.2848, 0.6008, 0.3083



1.1144, 0.5700, 0.2914

Inverse Universe

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



32.1253, 0.4612, 0.2953



26.6436, 0.5103, 0.2941



57.8536, 0.2268, 0.2776



18.0543, 0.3259, 0.3237



11.2848, 0.6008, 0.3083



1.1144, 0.5700, 0.2914

Previews

White Background



This preview shows how the Yxy color 32.1236, 0.4612, 0.2953 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 32.1236, 0.4612, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

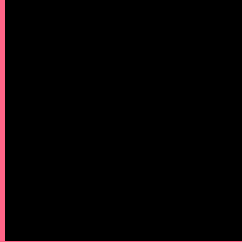
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1236, 0.4612, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 32.1236, 0.4612, 0.2953.



This preview shows how white text looks on a background with the Yxy color 32.1236, 0.4612, 0.2953.

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

32.1236, 0.4612, 0.2953

Protanopia

32.3328, 0.3037, 0.3125

Deuteranopia

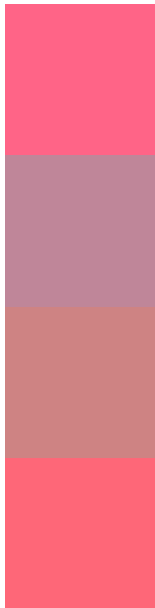
32.2033, 0.3651, 0.3580



Tritanopia

31.9310, 0.4886, 0.3228

Trichromacy



Original Color

32.1236, 0.4612, 0.2953

Protanomaly

30.4265, 0.3565, 0.3033

Deuteranomaly

30.9931, 0.4002, 0.3293

Tritanomaly

32.1274, 0.4786, 0.3131

Monochromacy



Original Color

32.1236, 0.4612, 0.2953

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.2382, 0.3629, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1236, 0.4612, 0.2953 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, 100, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 100, 135)  
}
```

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, 100, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 100, 135) }
```

Border

The CSS property to change the border of an element to Yxy 32.1236, 0.4612, 0.2953 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, 100, 135) }
```

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

```
.border{ border-color:rgb(255, 100, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 100, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 100, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 100, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 100,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1236, 0.4612, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 100, 135) }
```

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

```
.background{ background-color: rgb(255,  
100, 135) }
```

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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