

Converting Colors

$Y_{xy}(32.1985, 0.4339, 0.2712)$

Have a look what the booklet for
Yxy(32.1985, 0.4339, 0.2712)
contains.

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Color

Yxy(32.2097, 0.4341, 0.2714)

Conversions

Conversions Part 1

Format	Color
Hex	FF619C
RGB	255, 97, 156
RGB Percent	100%, 38%, 61%
CMY	0.0000, 0.6196, 0.3883
CMYK	0.00, 0.62, 0.39, 0.00
HSL	338°, 100%, 69%
HSV	338°, 62%, 100%
XYZ	51.5189, 32.2097, 34.9512
YIQ	150.9680, 75.2290, 51.8450

Conversions

Conversions Part 2

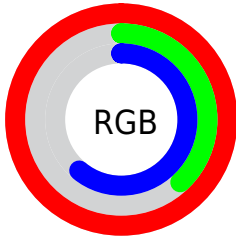
Format	Color
R_{YB}	255, 97, 156
Decimal	16736668
CIE Lab	63.52, 64.93, 0.16
CIE LCh	64, 64.933, 0.138
Yxy	32.2097, 0.4341, 0.2714
Android (android.graphics.Color)	4294926748 (0xFFFF619C)
YUV	150.9680, 2.4808, 91.2361
Hunter-Lab	56.7536, 62.7172, 3.2143

Details

The Yxy color **32.2097, 0.4341, 0.2714** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **78.0468, 0.2620, 0.4037**, and the grayscale version is **30.8960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0243, 0.3570, 0.2716**, and **13.5223, 0.4734, 0.2529** is the 20% darker color. If you saturate the color by 10%, you get **27.7237, 0.4658, 0.2676**, and if you desaturate by 10%, it is **38.2786, 0.4053, 0.2785**.

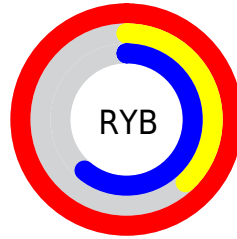
Distribution



Red (100%)

Green (38%)

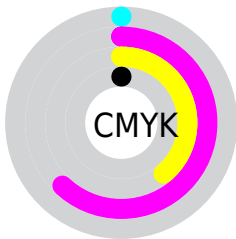
Blue (61%)



Red (100%)

Yellow (38%)

Blue (61%)

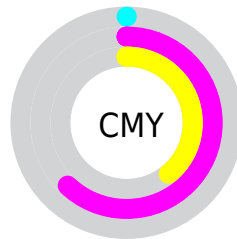


Cyan (0%)

Magenta (62%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (62%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2097, 0.4341, 0.2714 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 32.2097, 0.4341, 0.2714 by changing the saturation by 10% instead.


 32.2097, 0.4341,
0.2714


 32.2097, 0.4341,
0.2714


312.0734, 0.3702,
0.3017


 21.5217, 0.4509,
0.2634


 63.1397, 0.4102,
0.2828


 13.5059, 0.4730,
0.2529


 84.1505, 0.4014,
0.2869

 7.7778, 0.5031,
0.2386


 109.3710, 0.3941,
0.2904

 3.9531, 0.5461,
0.2181

 139.1857, 0.3879,
0.2934

 1.6474, 0.6117,
0.1868

173.9788, 0.3825,
0.2959

 0.3892, 0.7584,
0.1172

214.1349, 0.3779,

 0.0000, 1.0000,

0.2981

0.0000

260.0383, 0.3738,
0.3000

■ 0.0000, 0.0000,
0.0000

■ 32.2097, 0.4341,
0.2714

■ 32.2097, 0.4341,
0.2714

■ 27.7237, 0.4658,
0.2676

■ 38.2786, 0.4053,
0.2785

■ 24.6698, 0.4987,
0.2683

■ 46.0672, 0.3802,
0.2876

■ 22.8619, 0.5304,
0.2743

■ 55.6939, 0.3589,
0.2976

■ 22.0902, 0.5534,
0.2823

■ 67.2673, 0.3412,
0.3078

■ 80.8877, 0.3267,
0.3178

96.6483, 0.3148,
0.3272

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.



32.2097, 0.3293, 0.2195



32.2097, 0.4341, 0.2714



32.2097, 0.5027, 0.3355

Triad

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



32.2097, 0.4341, 0.2714



32.2097, 0.3652, 0.5186



32.2097, 0.1482, 0.2099

Complementary

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



32.2097, 0.4341, 0.2714



78.0468, 0.2620, 0.4037

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.



32.2097, 0.1535, 0.2762



32.2097, 0.4341, 0.2714



32.2097, 0.2718, 0.4900

Square

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



32.2097, 0.4341, 0.2714



32.2097, 0.4503, 0.4744



32.2097, 0.1948, 0.3848



32.2097, 0.1751, 0.1840

Rectangle

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



32.2097, 0.4341, 0.2714



32.2097, 0.5114, 0.3815



32.2097, 0.1948, 0.3848



32.2097, 0.1463, 0.2270

Sweetspot

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



32.2087, 0.4341, 0.2714



71.0846, 0.3366, 0.3108



27.2952, 0.2636, 0.1610



14.4255, 0.3411, 0.3079



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.



32.2087, 0.4341, 0.2714



26.9908, 0.4725, 0.2673



34.4827, 0.4987, 0.3469



18.0993, 0.3235, 0.3202



11.5690, 0.5491, 0.2799



1.1468, 0.5182, 0.2628

Inverse Universe

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



32.2087, 0.4341, 0.2714



26.9908, 0.4725, 0.2673



70.0786, 0.2325, 0.3066



18.0993, 0.3235, 0.3202



11.5690, 0.5491, 0.2799



1.1468, 0.5182, 0.2628

Previews

White Background



This preview shows how the Yxy color 32.2097, 0.4341, 0.2714 looks on a white background.

Color Contrast Check

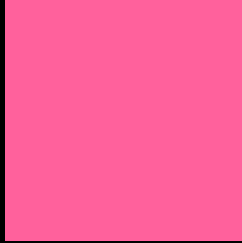
Large Text (above 18pt) WCAG AA × Fail

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 32.2097, 0.4341, 0.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

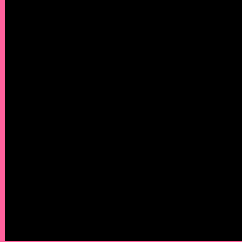
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2097, 0.4341, 0.2714

Background



This preview shows how black text looks on a background with the Yxy color 32.2097, 0.4341, 0.2714.



This preview shows how white text looks on a background with the Yxy color 32.2097, 0.4341, 0.2714.

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

32.2097, 0.4341, 0.2714

Protanopia

32.5199, 0.2739, 0.2752

Deuteranopia

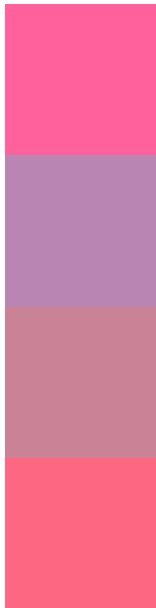
32.2909, 0.3366, 0.3305



Tritanopia

32.1958, 0.4839, 0.3227

Trichromacy



Original Color

32.2097, 0.4341, 0.2714

Protanomaly

30.3037, 0.3230, 0.2687

Deuteranomaly

30.7562, 0.3722, 0.3018

Tritanomaly

32.1681, 0.4659, 0.3039

Monochromacy



Original Color

32.2097, 0.4341, 0.2714

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.3513, 0.3550, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2097, 0.4341, 0.2714 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, 97, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 156)  
}
```

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, 97, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 156) }
```

Border

The CSS property to change the border of an element to Yxy 32.2097, 0.4341, 0.2714 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, 97, 156) }
```

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

```
.border{ border-color:rgb(255, 97, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 97, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2097, 0.4341, 0.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 156) }
```

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

```
.background{ background-color: rgb(255, 97,  
156) }
```

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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