

Converting Colors

$Y_{xy}(32.6094, 0.4265, 0.2780)$

Have a look what the booklet for
Yxy(32.6094, 0.4265, 0.2780)
contains.

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Color

Yxy(32.6094, 0.4265, 0.2780)

Conversions

Conversions Part 1

Format	Color
Hex	F9699B
RGB	249, 105, 155
RGB Percent	98%, 41%, 61%
CMY	0.0236, 0.5881, 0.3922
CMYK	0.00, 0.58, 0.38, 0.02
HSL	339°, 92%, 69%
HSV	339°, 58%, 98%
XYZ	50.0284, 32.6094, 34.6621
YIQ	153.7560, 69.7740, 46.0780

Conversions

Conversions Part 2

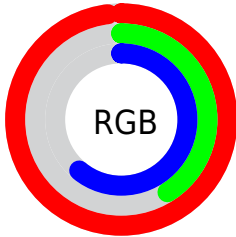
Format	Color
R_{YB}	249, 105, 155
Decimal	16345499
CIE _{Lab}	63.84, 59.55, 1.10
CIE _{LCh}	64, 59.561, 1.058
Yxy	32.6094, 0.4265, 0.2780
Android (android.graphics.Color)	4294535579 (0xFFFF9699B)
YUV	153.7560, 0.6133, 83.5290
Hunter-Lab	57.1046, 56.4478, 3.9846

Details

The Yxy color **32.6094, 0.4265, 0.2780** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **74.8678, 0.2622, 0.3925**, and the grayscale version is **32.1804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3532, 0.3567, 0.2797**, and **13.6448, 0.4629, 0.2608** is the 20% darker color. If you saturate the color by 10%, you get **27.7487, 0.4587, 0.2732**, and if you desaturate by 10%, it is **39.0313, 0.3978, 0.2854**.

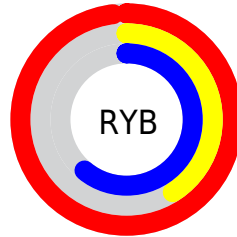
Distribution



Red (98%)

Green (41%)

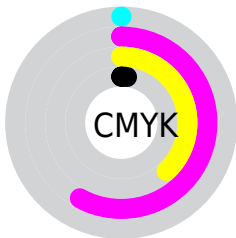
Blue (61%)



Red (98%)

Yellow (41%)

Blue (61%)

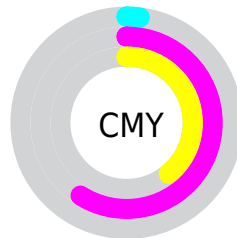


Cyan (0%)

Magenta (58%)

Yellow (38%)

Black (2%)



Cyan (2%)

Magenta (59%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.6094, 0.4265, 0.2780 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 32.6094, 0.4265, 0.2780 by changing the saturation by 10% instead.


 32.6094, 0.4265,
0.2780


 32.6094, 0.4265,
0.2780

313.8860, 0.3666,
0.3050

 21.8274, 0.4423,
0.2708


 63.7652, 0.4040,
0.2882

 13.7301, 0.4632,
0.2613


 84.9078, 0.3958,
0.2919

 7.9332, 0.4916,
0.2483


 110.2727, 0.3889,
0.2950

 4.0522, 0.5326,
0.2294

 140.2444, 0.3831,
0.2976

 1.7028, 0.5956,
0.2001

175.2071, 0.3781,
0.2999

 0.4255, 0.7409,
0.1358

215.5454, 0.3737,


 0.0000, 1.0000,


0.3018

0.0000


261.6435, 0.3699,
0.3035

 0.0000, 0.0000,
0.0000


 32.6094, 0.4265,
0.2780


 32.6094, 0.4265,
0.2780


 27.7487, 0.4587,
0.2732


 39.0313, 0.3978,
0.2854

 24.3074, 0.4929,
0.2724

 47.1297, 0.3733,
0.2943


 22.1266, 0.5267,
0.2765

 57.0146, 0.3527,
0.3038

 20.9914, 0.5572,
0.2856

 68.7854, 0.3357,
0.3132

 20.8144, 0.5635,
0.2878

 82.5339, 0.3218,
0.3223

98.3460, 0.3104,
0.3308

98.8759, 0.3090,
0.3290

Harmonies

Analogous

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



32.6094, 0.3315, 0.2285



32.6094, 0.4265, 0.2780



32.6094, 0.4879, 0.3391

Triad

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



32.6094, 0.4265, 0.2780



32.6094, 0.3609, 0.5027



32.6094, 0.1595, 0.2181

Complementary

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



32.6094, 0.4265, 0.2780



74.8678, 0.2622, 0.3925

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.



32.6094, 0.1640, 0.2793



32.6094, 0.4265, 0.2780



32.6094, 0.2741, 0.4720

Square

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



32.6094, 0.4265, 0.2780



32.6094, 0.4398, 0.4672



32.6094, 0.2026, 0.3770



32.6094, 0.1859, 0.1938

Rectangle

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



32.6094, 0.4265, 0.2780



32.6094, 0.4957, 0.3826



32.6094, 0.2026, 0.3770



32.6094, 0.1575, 0.2341

Sweetspot

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



32.6111, 0.4265, 0.2780



73.7014, 0.3345, 0.3139



29.0343, 0.2723, 0.1734



15.1977, 0.3376, 0.3121



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.



32.6111, 0.4265, 0.2780



28.7560, 0.4629, 0.2729



36.2376, 0.4764, 0.3513



17.3247, 0.3239, 0.3208



11.1678, 0.5592, 0.2854



1.0535, 0.5261, 0.2672

Inverse Universe

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



32.6111, 0.4265, 0.2780



28.7560, 0.4629, 0.2729



64.9931, 0.2349, 0.3023



17.3247, 0.3239, 0.3208



11.1678, 0.5592, 0.2854



1.0535, 0.5261, 0.2672

Previews

White Background



This preview shows how the Yxy color 32.6094, 0.4265, 0.2780 looks on a white background.

Color Contrast Check

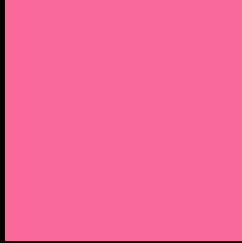
Large Text (above 18pt) WCAG AA × Fail

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 32.6094, 0.4265, 0.2780 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 32.6094, 0.4265, 0.2780

Background



This preview shows how black text looks on a background with the Yxy color 32.6094, 0.4265, 0.2780.



This preview shows how white text looks on a background with the Yxy color 32.6094, 0.4265, 0.2780.

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

32.6094, 0.4265, 0.2780

Protanopia

33.0035, 0.2813, 0.2839

Deuteranopia

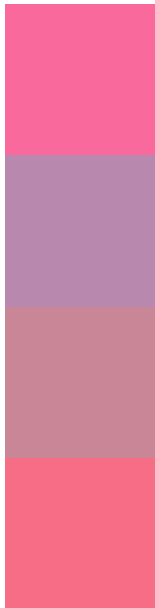
32.8350, 0.3385, 0.3320



Tritanopia

32.5372, 0.4659, 0.3212

Trichromacy



Original Color

32.6094, 0.4265, 0.2780

Protanomaly

30.9786, 0.3268, 0.2778

Deuteranomaly

31.7021, 0.3698, 0.3069

Tritanomaly

32.4049, 0.4518, 0.3046

Monochromacy



Original Color

32.6094, 0.4265, 0.2780

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

30.7602, 0.3527, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6094, 0.4265, 0.2780 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(249, 105, 155)` looks like.

```
.text, #text, p{  
    color:rgb(249, 105, 155)  
}
```

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(249, 105, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 105, 155) }
```

Border

The CSS property to change the border of an element to Yxy 32.6094, 0.4265, 0.2780 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(249, 105, 155) }
```

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

```
.border{ border-color:rgb(249, 105, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 105, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 105, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 105, 155);  
box-shadow:4px 4px 4px 4px rgb(249, 105,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6094, 0.4265, 0.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 105, 155) }
```

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

```
.background{ background-color: rgb(249,  
105, 155) }
```

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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