

Converting Colors

Yxy(32.4618, 0.3525, 0.2071)

Have a look what the booklet for
Yxy(32.4618, 0.3525, 0.2071)
contains.

Yxy(32.4618, 0.3525, 0.2071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.4618, 0.3525, 0.2071)

Conversions

Conversions Part 1

Format	Color
Hex	F95AD9
RGB	249, 90, 217
RGB Percent	98%, 35%, 85%
CMY	0.0235, 0.6471, 0.1488
CMYK	0.00, 0.64, 0.13, 0.02
HSL	312°, 93%, 66%
HSV	312°, 64%, 98%
XYZ	55.2525, 32.4618, 69.0303
YIQ	152.0190, 53.9970, 73.2050

Conversions

Conversions Part 2

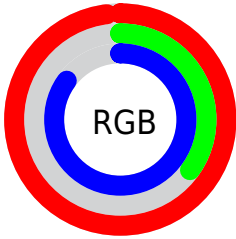
Format	Color
R _{YB}	249, 90, 217
Decimal	16341721
CIE _{Lab}	63.72, 73.66, -34.36
CIE _{LCh}	64, 81.280, 334.992
Yxy	32.4618, 0.3525, 0.2071
Android (android.graphics.Color)	4294531801 (0xFFFF95AD9)
YUV	152.0190, 32.0356, 85.0523
Hunter-Lab	56.9753, 73.3959, -31.9521

Details

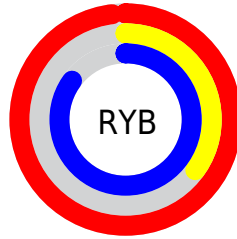
The Yxy color **32.4618, 0.3525, 0.2071** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **71.3297, 0.2911, 0.4991**, and the grayscale version is **31.2500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9749, 0.3175, 0.2266**, and **13.6668, 0.3604, 0.1783** is the 20% darker color. If you saturate the color by 10%, you get **28.6869, 0.3605, 0.1957**, and if you desaturate by 10%, it is **37.6538, 0.3447, 0.2223**.

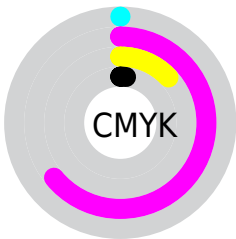
Distribution



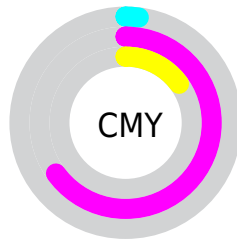
- Red (98%)
- Green (35%)
- Blue (85%)



- Red (98%)
- Yellow (35%)
- Blue (85%)



- Cyan (0%)
- Magenta (64%)
- Yellow (13%)
- Black (2%)




- Cyan (2%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4618, 0.3525, 0.2071 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 32.4618, 0.3525, 0.2071 by changing the saturation by 10% instead.


 32.4618, 0.3525,
0.2071


 32.4618, 0.3525,
0.2071

313.2176, 0.3347,
0.2641

 21.7145, 0.3563,
0.1942


 63.5343, 0.3465,
0.2268


 13.6472, 0.3608,
0.1784


 84.6284, 0.3441,
0.2345

 7.8757, 0.3661,
0.1588


 109.9400, 0.3421,
0.2412

 4.0155, 0.3723,
0.1339

 139.8538, 0.3402,
0.2469

 1.6823, 0.3793,
0.1022

174.7541, 0.3386,
0.2520

 0.4121, 0.3895,
0.0528

215.0252, 0.3372,

 0.0000, 0.3922,

0.2565

0.0000

261.0515, 0.3359,
0.2605

■ 0.0000, 0.1625,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.4618, 0.3525,
0.2071

■ 32.4618, 0.3525,
0.2071

■ 28.6869, 0.3605,
0.1957

■ 37.6538, 0.3447,
0.2223

■ 26.1775, 0.3684,
0.1887

■ 44.3850, 0.3373,
0.2403

■ 24.7559, 0.3761,
0.1865

■ 52.7694, 0.3305,
0.2601

■ 24.2618, 0.3806,
0.1870

■ 62.9093, 0.3244,
0.2807

74.8984, 0.3190,
0.3014

88.8239, 0.3143,
0.3215

98.6931, 0.3107,
0.3318

98.8801, 0.3090,
0.3290

Harmonies

Analogous

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



32.4618, 0.2338, 0.1680



32.4618, 0.3525, 0.2071



32.4618, 0.4817, 0.2686

Triad

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



32.4618, 0.3525, 0.2071



32.4618, 0.4536, 0.5080



32.4618, 0.1211, 0.2431

Complementary

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



32.4618, 0.3525, 0.2071



71.3297, 0.2911, 0.4991

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.



32.4618, 0.1578, 0.3717



32.4618, 0.3525, 0.2071



32.4618, 0.3481, 0.5672

Square

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



32.4618, 0.3525, 0.2071



32.4618, 0.5329, 0.4212



32.4618, 0.2400, 0.5208



32.4618, 0.1229, 0.1774

Rectangle

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



32.4618, 0.3525, 0.2071



32.4618, 0.5384, 0.3163



32.4618, 0.2400, 0.5208



32.4618, 0.1285, 0.2788

Sweetspot

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



32.4634, 0.3525, 0.2071



72.2766, 0.3217, 0.2908



18.2734, 0.2074, 0.1318



14.7141, 0.3233, 0.2848



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.



32.4634, 0.3525, 0.2071



29.2862, 0.3631, 0.1929



29.2774, 0.4562, 0.2825



17.4613, 0.3169, 0.3102



13.0076, 0.3794, 0.1864



1.2194, 0.3711, 0.1818

Inverse Universe

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



32.4634, 0.3525, 0.2071



29.2862, 0.3631, 0.1929



74.1570, 0.2561, 0.3903



17.4613, 0.3169, 0.3102



13.0076, 0.3794, 0.1864



1.2194, 0.3711, 0.1818

Previews

White Background



This preview shows how the Yxy color 32.4618, 0.3525, 0.2071 looks on a white background.

Color Contrast Check

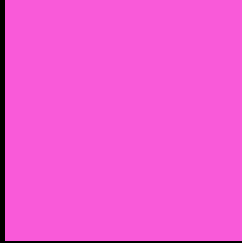
Large Text (above 18pt) WCAG AA × Fail

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 32.4618, 0.3525, 0.2071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

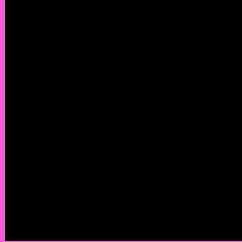
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4618, 0.3525, 0.2071

Background



This preview shows how black text looks on a background with the Yxy color 32.4618, 0.3525, 0.2071.



This preview shows how white text looks on a background with the Yxy color 32.4618, 0.3525, 0.2071.

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

32.4618, 0.3525, 0.2071

Protanopia

32.7980, 0.2135, 0.1956

Deuteranopia

32.5369, 0.2574, 0.2514



Tritanopia

32.4713, 0.4527, 0.3208

Trichromacy



Original Color

32.4618, 0.3525, 0.2071



Protanomaly

29.7328, 0.2488, 0.1915



Deuteranomaly

30.1070, 0.2869, 0.2248



Tritanomaly

32.0387, 0.4157, 0.2752

Monochromacy



Original Color

32.4618, 0.3525, 0.2071



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

29.3999, 0.3277, 0.2662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4618, 0.3525, 0.2071 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, 90, 217)` looks like.

```
.text, #text, p{  
    color:rgb(249, 90, 217)  
}
```

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, 90, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 90, 217) }
```

Border

The CSS property to change the border of an element to Yxy 32.4618, 0.3525, 0.2071 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, 90, 217) }
```

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

```
.border{ border-color:rgb(249, 90, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 90, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 90, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 90, 217); box-shadow:4px 4px 4px 4px rgb(249, 90, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4618, 0.3525, 0.2071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 90, 217) }
```

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

```
.background{ background-color: rgb(249, 90,  
217) }
```

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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