

Converting Colors

$Yxy(32.5832, 0.3897, 0.2351)$

Have a look what the booklet for
Yxy(32.5832, 0.3897, 0.2351)
contains.

Yxy(32.6172, 0.3895, 0.2349)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.6172, 0.3895, 0.2349)

Conversions

Conversions Part 1

Format	Color
Hex	FE5DBE
RGB	254, 93, 190
RGB Percent	100%, 36%, 75%
CMY	0.0039, 0.6353, 0.2549
CMYK	0.00, 0.63, 0.25, 0.00
HSL	324°, 99%, 68%
HSV	324°, 63%, 100%
XYZ	54.0843, 32.6172, 52.1542
YIQ	152.1970, 64.8190, 64.2990

Conversions

Conversions Part 2

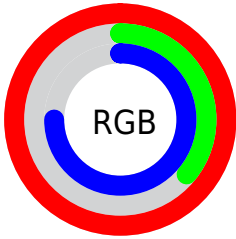
Format	Color
RYB	254, 93, 190
Decimal	16670142
CIELab	63.85, 70.15, -18.81
CIELCh	64, 72.630, 344.988
Yxy	32.6172, 0.3895, 0.2349
Android (android.graphics.Color)	4294860222 (0xFFFE5DBE)
YUV	152.1970, 18.6369, 89.2812
Hunter-Lab	57.1115, 69.0936, -14.1656

Details

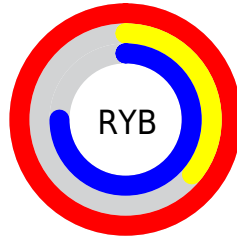
The Yxy color **32.6172, 0.3895, 0.2349** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **75.6543, 0.2778, 0.4563**, and the grayscale version is **31.3858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3703, 0.3248, 0.2368**, and **13.6799, 0.4097, 0.2093** is the 20% darker color. If you saturate the color by 10%, you get **28.4497, 0.4075, 0.2267**, and if you desaturate by 10%, it is **38.2987, 0.3727, 0.2468**.

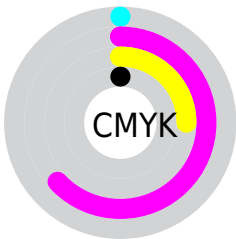
Distribution



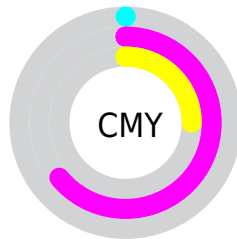
- Red (100%)
- Green (36%)
- Blue (75%)



- Red (100%)
- Yellow (36%)
- Blue (75%)



- Cyan (0%)
- Magenta (63%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6172, 0.3895, 0.2349 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 32.6172, 0.3895, 0.2349 by changing the saturation by 10% instead.

 32.6172, 0.3895,
0.2349


 32.6172, 0.3895,
0.2349


313.9213, 0.3510,
0.2806


 21.8334, 0.3991,
0.2240


 63.7774, 0.3755,
0.2512


 13.7345, 0.4113,
0.2103


 84.9226, 0.3703,
0.2574

 7.9362, 0.4274,
0.1927


 110.2903, 0.3658,
0.2627

 4.0542, 0.4496,
0.1693

 140.2650, 0.3620,
0.2673

 1.7039, 0.4817,
0.1374

175.2311, 0.3587,
0.2713

 0.4262, 0.5389,
0.0800

215.5729, 0.3558,

 0.0000, 0.6542,

0.2748

0.0000

261.6748, 0.3533,
0.2779

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.6172, 0.3895,
0.2349

■ 32.6172, 0.3895,
0.2349

■ 28.4497, 0.4075,
0.2267

■ 38.2987, 0.3727,
0.2468

■ 25.6375, 0.4261,
0.2232

■ 45.6220, 0.3576,
0.2611


■ 23.9951, 0.4444,
0.2250

■ 54.7070, 0.3443,
0.2768

■ 23.3737, 0.4563,
0.2287

■ 65.6609, 0.3329,
0.2929

 78.5824, 0.3233,
0.3088

 93.5630, 0.3151,
0.3240

99.8134, 0.3121,
0.3290

Harmonies

Analogous

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



32.6172, 0.2742, 0.1901



32.6172, 0.3895, 0.2349



32.6172, 0.4936, 0.2977

Triad

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



32.6172, 0.3895, 0.2349



32.6172, 0.4158, 0.5177



32.6172, 0.1329, 0.2271

Complementary

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



32.6172, 0.3895, 0.2349



75.6543, 0.2778, 0.4563

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.



32.6172, 0.1558, 0.3249



32.6172, 0.3895, 0.2349



32.6172, 0.3158, 0.5395

Square

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



32.6172, 0.3895, 0.2349



32.6172, 0.4970, 0.4457



32.6172, 0.2200, 0.4586



32.6172, 0.1447, 0.1802

Rectangle

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



32.6172, 0.3895, 0.2349



32.6172, 0.5283, 0.3445



32.6172, 0.2200, 0.4586



32.6172, 0.1364, 0.2536

Sweetspot

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



32.6189, 0.3895, 0.2349



71.7086, 0.3285, 0.2999



21.9257, 0.2300, 0.1430



14.5759, 0.3314, 0.2953



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.



32.6189, 0.3895, 0.2349



27.8308, 0.4124, 0.2253



30.0666, 0.4952, 0.3121



18.1709, 0.3199, 0.3148



12.3513, 0.4534, 0.2272



1.2242, 0.4342, 0.2165

Inverse Universe

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



32.6189, 0.3895, 0.2349



27.8308, 0.4124, 0.2253



79.2306, 0.2440, 0.3515



18.1709, 0.3199, 0.3148



12.3513, 0.4534, 0.2272



1.2242, 0.4342, 0.2165

Previews

White Background



This preview shows how the Yxy color 32.6172, 0.3895, 0.2349 looks on a white background.

Color Contrast Check

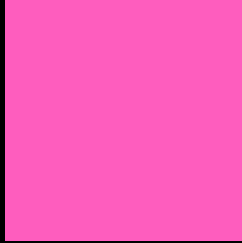
Large Text (above 18pt) WCAG AA × Fail

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 32.6172, 0.3895, 0.2349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

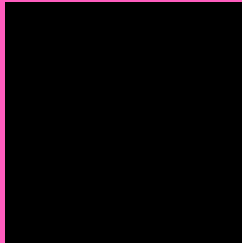
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6172, 0.3895, 0.2349

Background



This preview shows how black text looks on a background with the Yxy color 32.6172, 0.3895, 0.2349.



This preview shows how white text looks on a background with the Yxy color 32.6172, 0.3895, 0.2349.

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

32.6172, 0.3895, 0.2349

Protanopia

32.9090, 0.2321, 0.2192

Deuteranopia

32.6375, 0.2917, 0.2858



Tritanopia

32.6333, 0.4709, 0.3224

Trichromacy



Original Color

32.6172, 0.3895, 0.2349



Protanomaly

30.1788, 0.2747, 0.2182



Deuteranomaly

30.6324, 0.3245, 0.2591



Tritanomaly

32.2382, 0.4425, 0.2887

Monochromacy



Original Color

32.6172, 0.3895, 0.2349



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

29.8046, 0.3404, 0.2819

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6172, 0.3895, 0.2349 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(254, 93, 190)` looks like.

```
.text, #text, p{  
    color:rgb(254, 93, 190)  
}
```

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(254, 93, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 93, 190) }
```

Border

The CSS property to change the border of an element to Yxy 32.6172, 0.3895, 0.2349 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(254, 93, 190) }
```

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

```
.border{ border-color:rgb(254, 93, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 93, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 93, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 93, 190);  
box-shadow:4px 4px 4px 4px rgb(254, 93,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6172, 0.3895, 0.2349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 93, 190) }
```

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

```
.background{ background-color: rgb(254, 93,  
190) }
```

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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