

Converting Colors

$Y_{xy}(32.3902, 0.3350, 0.1980)$

Have a look what the booklet for
Yxy(32.3902, 0.3350, 0.1980)
contains.

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Color

Yxy(32.4294, 0.3354, 0.1987)

Conversions

Conversions Part 1

Format	Color
Hex	F35DE3
RGB	243, 93, 227
RGB Percent	95%, 36%, 89%
CMY	0.0471, 0.6352, 0.1098
CMYK	0.00, 0.62, 0.07, 0.05
HSL	306°, 86%, 66%
HSV	306°, 62%, 95%
XYZ	54.7399, 32.4294, 76.0385
YIQ	153.1260, 46.3860, 73.4740

Conversions

Conversions Part 2

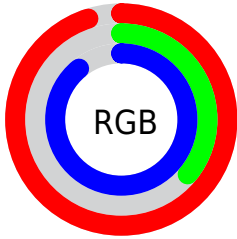
Format	Color
R _{YB}	243, 93, 227
Decimal	15949283
CIE _{Lab}	63.70, 72.48, -40.03
CIE _{LCh}	64, 82.802, 331.086
Y _{xy}	32.4294, 0.3354, 0.1987
Android (android.graphics.Color)	4294139363 (0xFFFF35DE3)
YUV	153.1260, 36.4199, 78.8195
Hunter-Lab	56.9468, 71.9255, -39.3045

Details

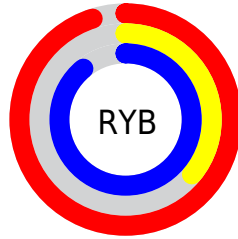
The Yxy color **32.4294, 0.3354, 0.1987** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **67.5336, 0.2973, 0.5105**, and the grayscale version is **31.7385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6132, 0.3174, 0.2284**, and **13.5814, 0.3376, 0.1688** is the 20% darker color. If you saturate the color by 10%, you get **28.6788, 0.3396, 0.1852**, and if you desaturate by 10%, it is **37.5399, 0.3312, 0.2159**.

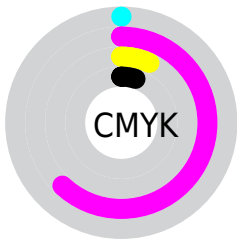
Distribution



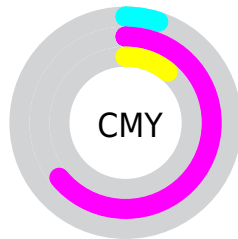
- Red (95%)
- Green (36%)
- Blue (89%)



- Red (95%)
- Yellow (36%)
- Blue (89%)



- Cyan (0%)
- Magenta (62%)
- Yellow (7%)
- Black (5%)




- Cyan (5%)
- Magenta (64%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4294, 0.3354, 0.1987 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 32.4294, 0.3354, 0.1987 by changing the saturation by 10% instead.


 32.4294, 0.3354,
0.1987


 32.4294, 0.3354,
0.1987


313.0707, 0.3268,
0.2590

 21.6897, 0.3368,
0.1853

 63.4836, 0.3329,
0.2194


 13.6291, 0.3381,
0.1690

 84.5670, 0.3317,
0.2275

 7.8631, 0.3392,
0.1489


 109.8670, 0.3307,
0.2346

 4.0075, 0.3395,
0.1238

 139.7680, 0.3298,
0.2407

 1.6778, 0.3378,
0.0925

174.6545, 0.3289,
0.2461

 0.4092, 0.3335,
0.0460

214.9109, 0.3282,

 0.0000, 0.3132,

0.2509

0.0000

260.9215, 0.3274,
0.2551

■ 0.0000, 0.0607,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.4294, 0.3354,
0.1987

■ 32.4294, 0.3354,
0.1987

■ 28.6788, 0.3396,
0.1852

■ 37.5399, 0.3312,
0.2159

■ 26.1501, 0.3437,
0.1761

■ 44.1217, 0.3270,
0.2359


■ 24.6843, 0.3474,
0.1714


■ 52.2801, 0.3231,
0.2577


■ 24.0675, 0.3503,
0.1703


■ 62.1093, 0.3194,
0.2804

 73.6963, 0.3161,
0.3031

 87.1218, 0.3132,
0.3253

 97.1762, 0.3109,
0.3386

 97.3359, 0.3095,
0.3361

 97.4978, 0.3080,
0.3335

Harmonies

Analogous

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



32.4294, 0.2199, 0.1627



32.4294, 0.3354, 0.1987



32.4294, 0.4696, 0.2585

Triad

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



32.4294, 0.3354, 0.1987



32.4294, 0.4674, 0.4985



32.4294, 0.1209, 0.2545

Complementary

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



32.4294, 0.3354, 0.1987



67.5336, 0.2973, 0.5105

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.



32.4294, 0.1635, 0.3934



32.4294, 0.3354, 0.1987



32.4294, 0.3622, 0.5678

Square

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



32.4294, 0.3354, 0.1987



32.4294, 0.5427, 0.4102



32.4294, 0.2518, 0.5393



32.4294, 0.1184, 0.1806

Rectangle

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



32.4294, 0.3354, 0.1987



32.4294, 0.5342, 0.3058



32.4294, 0.2518, 0.5393



32.4294, 0.1300, 0.2938

Sweetspot

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



32.4309, 0.3354, 0.1987



72.5592, 0.3185, 0.2865



17.4907, 0.2013, 0.1340



14.7833, 0.3195, 0.2799



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.



32.4309, 0.3354, 0.1987



31.1814, 0.3406, 0.1826



29.1857, 0.4273, 0.2674



16.7360, 0.3154, 0.3081



13.2213, 0.3498, 0.1701



1.1706, 0.3457, 0.1678

Inverse Universe

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



32.4309, 0.3354, 0.1987



31.1814, 0.3406, 0.1826



69.8480, 0.2640, 0.4088



16.7360, 0.3154, 0.3081



13.2213, 0.3498, 0.1701



1.1706, 0.3457, 0.1678

Previews

White Background



This preview shows how the Yxy color 32.4294, 0.3354, 0.1987 looks on a white background.

Color Contrast Check

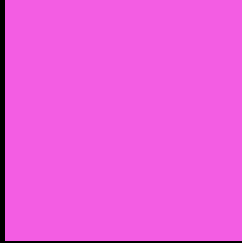
Large Text (above 18pt) WCAG AA × Fail

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 32.4294, 0.3354, 0.1987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

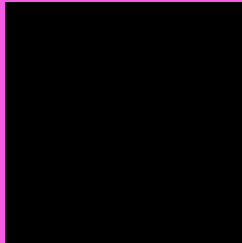
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4294, 0.3354, 0.1987

Background



This preview shows how black text looks on a background with the Yxy color 32.4294, 0.3354, 0.1987.



This preview shows how white text looks on a background with the Yxy color 32.4294, 0.3354, 0.1987.

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

32.4294, 0.3354, 0.1987

Protanopia

32.7980, 0.2135, 0.1956

Deuteranopia

32.6978, 0.2452, 0.2399



Tritanopia

32.1737, 0.4361, 0.3192

Trichromacy



Original Color

32.4294, 0.3354, 0.1987



Protanomaly

30.0314, 0.2449, 0.1887



Deuteranomaly

30.2237, 0.2715, 0.2149



Tritanomaly

31.7013, 0.3983, 0.2689

Monochromacy



Original Color

32.4294, 0.3354, 0.1987



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

29.9670, 0.3222, 0.2638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4294, 0.3354, 0.1987 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(243, 93, 227)` looks like.

```
.text, #text, p{  
    color:rgb(243, 93, 227)  
}
```

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(243, 93, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 93, 227) }
```

Border

The CSS property to change the border of an element to Yxy 32.4294, 0.3354, 0.1987 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(243, 93, 227) }
```

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

```
.border{ border-color:rgb(243, 93, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 93, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 93, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 93, 227);  
box-shadow:4px 4px 4px 4px rgb(243, 93,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4294, 0.3354, 0.1987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 93, 227) }
```

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

```
.background{ background-color: rgb(243, 93,  
227) }
```

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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