

Converting Colors

$Y_{xy}(29.3719, 0.3245, 0.1704)$

Have a look what the booklet for
Yxy(29.3719, 0.3245, 0.1704)
contains.

Yxy(29.4167, 0.3253, 0.1709)	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(29.4167, 0.3253, 0.1709)

Conversions

Conversions Part 1

Format	Color
Hex	F73CF2
RGB	247, 60, 242
RGB Percent	97%, 24%, 95%
CMY	0.0314, 0.7645, 0.0510
CMYK	0.00, 0.76, 0.02, 0.03
HSL	302°, 92%, 60%
HSV	302°, 76%, 97%
XYZ	55.9933, 29.4167, 86.7182
YIQ	136.6610, 53.0300, 96.2460

Conversions

Conversions Part 2

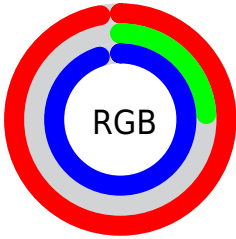
Format	Color
R _Y B	247, 60, 242
Decimal	16202994
CIE _{Lab}	61.15, 86.62, -52.37
CIE _{LCh}	61, 101.220, 328.840
Y _{xy}	29.4167, 0.3253, 0.1709
Android (android.graphics.Color)	4294393074 (0xFFFF73CF2)
YUV	136.6610, 51.9321, 96.7673
Hunter-Lab	54.2372, 89.3645, -56.8310

Details

The Yxy color **29.4167, 0.3253, 0.1709** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **67.8545, 0.3003, 0.5648**, and the grayscale version is **24.6774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6587, 0.3184, 0.2079**, and **13.9419, 0.3223, 0.1549** is the 20% darker color. If you saturate the color by 10%, you get **27.3641, 0.3265, 0.1628**, and if you desaturate by 10%, it is **32.6785, 0.3239, 0.1834**.

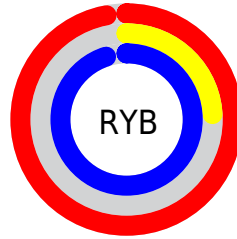
Distribution



Red (97%)

Green (24%)

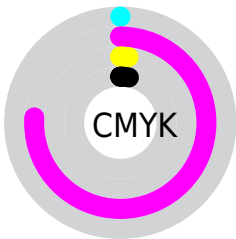
Blue (95%)



Red (97%)

Yellow (24%)

Blue (95%)

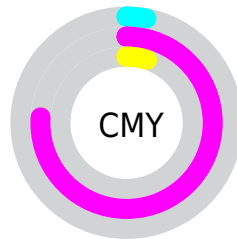


Cyan (0%)

Magenta (76%)

Yellow (2%)

Black (3%)



Cyan (3%)


Magenta (76%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4167, 0.3253, 0.1709 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 29.4167, 0.3253, 0.1709 by changing the saturation by 10% instead.


 29.4167, 0.3253,
0.1709


 29.4167, 0.3253,
0.1709

299.1760, 0.3233,
0.2420

 19.3963, 0.3247,
0.1558

 58.7385, 0.3254,
0.1948


 11.9570, 0.3233,
0.1378


 78.8086, 0.3253,
0.2043


 6.7144, 0.3207,
0.1163


 102.9975, 0.3250,
0.2126

 3.2841, 0.3157,
0.0908

 131.6894, 0.3247,
0.2199

 1.2818, 0.3060,
0.0611

 165.2689, 0.3243,
0.2264

 0.1271, 0.2923,
0.0118

204.1202, 0.3240,

 0.0000, 0.2504,

0.2322

0.0000

248.6278, 0.3236,
0.2373

■ 0.0000, 0.0825,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 29.4167, 0.3253,
0.1709

■ 29.4167, 0.3253,
0.1709

■ 27.3641, 0.3265,
0.1628

■ 32.6785, 0.3239,
0.1834

■ 26.3331, 0.3275,
0.1588

■ 37.2941, 0.3223,
0.2000


■ 26.0845, 0.3278,
0.1580


■ 43.3918, 0.3206,
0.2200

■ 51.0844, 0.3188,
0.2425

 60.4734, 0.3170,
0.2665

 71.6520, 0.3153,
0.2911

 84.7069, 0.3136,
0.3155

 98.0225, 0.3122,
0.3365

 98.0634, 0.3118,
0.3359

Harmonies

Analogous

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



29.4167, 0.1918, 0.1338



29.4167, 0.3253, 0.1709



29.4167, 0.4964, 0.2353

Triad

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



29.4167, 0.3253, 0.1709



29.4167, 0.4894, 0.5055



29.4167, 0.0902, 0.2406

Complementary

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



29.4167, 0.3253, 0.1709



67.8545, 0.3003, 0.5648

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.



29.4167, 0.1356, 0.4239



29.4167, 0.3253, 0.1709



29.4167, 0.3620, 0.6133

Square

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



29.4167, 0.3253, 0.1709



29.4167, 0.5849, 0.3968



29.4167, 0.2363, 0.6146



29.4167, 0.0878, 0.1546

Rectangle

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



29.4167, 0.3253, 0.1709



29.4167, 0.5806, 0.2858



29.4167, 0.2363, 0.6146



29.4167, 0.0995, 0.2900

Sweetspot

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



29.4181, 0.3253, 0.1709



68.0174, 0.3165, 0.2730



11.0142, 0.1698, 0.0914



13.6907, 0.3172, 0.2642



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.



29.4181, 0.3253, 0.1709



28.6977, 0.3270, 0.1601



25.2232, 0.4452, 0.2467



16.7602, 0.3142, 0.3063



13.8012, 0.3277, 0.1579



1.2154, 0.3268, 0.1574

Inverse Universe

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



29.4181, 0.3253, 0.1709



28.6977, 0.3270, 0.1601



69.8941, 0.2672, 0.4535



16.7602, 0.3142, 0.3063



13.8012, 0.3277, 0.1579



1.2154, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 29.4167, 0.3253, 0.1709 looks on a white background.

Color Contrast Check

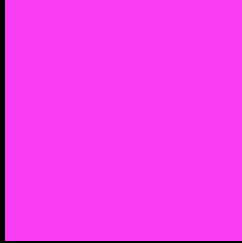
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4167, 0.3253, 0.1709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

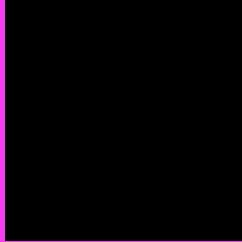
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4167, 0.3253, 0.1709

Background



This preview shows how black text looks on a background with the Yxy color 29.4167, 0.3253, 0.1709.



This preview shows how white text looks on a background with the Yxy color 29.4167, 0.3253, 0.1709.

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

29.4167, 0.3253, 0.1709

Protanopia

29.7079, 0.2043, 0.1842

Deuteranopia

29.5278, 0.2201, 0.2137



Tritanopia

29.0768, 0.4628, 0.3207

Trichromacy



Original Color

29.4167, 0.3253, 0.1709



Protanomaly

25.3878, 0.2331, 0.1639



Deuteranomaly

25.3701, 0.2471, 0.1797



Tritanomaly

28.0627, 0.4117, 0.2548

Monochromacy



Original Color

29.4167, 0.3253, 0.1709



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.3795, 0.3193, 0.2382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4167, 0.3253, 0.1709 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(247, 60, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 60, 242)  
}
```

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(247, 60, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 60, 242) }
```

Border

The CSS property to change the border of an element to Yxy 29.4167, 0.3253, 0.1709 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(247, 60, 242) }
```

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

```
.border{ border-color:rgb(247, 60, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 60, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 60, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 60, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 60,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4167, 0.3253, 0.1709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 60, 242) }
```

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

```
.background{ background-color: rgb(247, 60,  
242) }
```

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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