

Converting Colors

$Y_{xy}(29.6532, 0.3832, 0.2191)$

Have a look what the booklet for
Yxy(29.6532, 0.3832, 0.2191)
contains.

Yxy(29.6678, 0.3827, 0.2188)	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(29.6678, 0.3827, 0.2188)

Conversions

Conversions Part 1

Format	Color
Hex	FA4EC2
RGB	250, 78, 194
RGB Percent	98%, 31%, 76%
CMY	0.0195, 0.6942, 0.2392
CMYK	0.00, 0.69, 0.22, 0.02
HSL	320°, 95%, 64%
HSV	320°, 69%, 98%
XYZ	51.8915, 29.6678, 54.0339
YIQ	142.6520, 65.2760, 72.5400

Conversions

Conversions Part 2

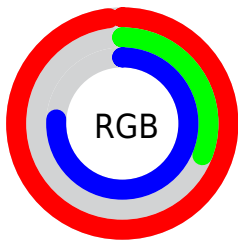
Format	Color
R_{YB}	250, 78, 194
Decimal	16404162
CIE _{Lab}	61.37, 75.18, -24.95
CIE _{LCh}	61, 79.211, 341.638
Yxy	29.6678, 0.3827, 0.2188
Android (android.graphics.Color)	4294594242 (0xFFFA4EC2)
YUV	142.6520, 25.3146, 94.1442
Hunter-Lab	54.4682, 74.7368, -20.6896

Details

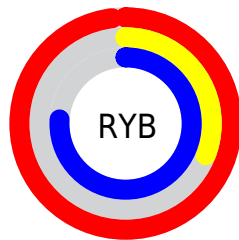
The Yxy color **29.6678, 0.3827, 0.2188** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed magenta. A complement of this color would be **71.7227, 0.2822, 0.4861**, and the grayscale version is **27.1987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6903, 0.3213, 0.2210**, and **12.7123, 0.3997, 0.1976** is the 20% darker color. If you saturate the color by 10%, you get **26.4115, 0.3970, 0.2116**, and if you desaturate by 10%, it is **34.2964, 0.3690, 0.2303**.

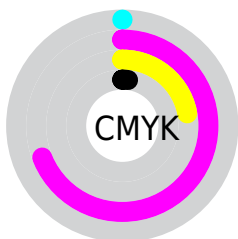
Distribution



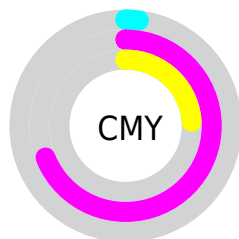
- Red (98%)
- Green (31%)
- Blue (76%)



- Red (98%)
- Yellow (31%)
- Blue (76%)



- Cyan (0%)
- Magenta (69%)
- Yellow (22%)
- Black (2%)




- Cyan (2%)
- Magenta (69%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6678, 0.3827, 0.2188 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 29.6678, 0.3827, 0.2188 by changing the saturation by 10% instead.


 29.6678, 0.3827,
0.2188


 29.6678, 0.3827,
0.2188


300.3529, 0.3481,
0.2720

 19.5866, 0.3911,
0.2063


 59.1364, 0.3703,
0.2376


 12.0949, 0.4018,
0.1906


 79.2926, 0.3656,
0.2448

 6.8083, 0.4156,
0.1707


 103.5759, 0.3616,
0.2510

 3.3425, 0.4343,
0.1448

 132.3707, 0.3581,
0.2564

 1.3131, 0.4603,
0.1103

166.0614, 0.3551,
0.2610

 0.1513, 0.5166,
0.0304

205.0324, 0.3525,

 0.0000, 0.5691,

0.2651

0.0000

249.6681, 0.3502,
0.2688

■ 0.0000, 0.0000,
0.0000

■ 29.6678, 0.3827,
0.2188

■ 29.6678, 0.3827,
0.2188

■ 26.4115, 0.3970,
0.2116

■ 34.2964, 0.3690,
0.2303

■ 24.3603, 0.4112,
0.2093

■ 40.4302, 0.3562,
0.2449

■ 23.2786, 0.4251,
0.2120

■ 48.1910, 0.3447,
0.2615

■ 23.1775, 0.4267,
0.2124

■ 57.6872, 0.3346,
0.2791

■ 69.0177, 0.3258,
0.2969

 82.2737, 0.3183,
0.3143

 97.5407, 0.3120,
0.3309

 99.0673, 0.3096,
0.3290

Harmonies

Analogous

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



29.6678, 0.2565, 0.1738



29.6678, 0.3827, 0.2188



29.6678, 0.5053, 0.2839

Triad

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



29.6678, 0.3827, 0.2188



29.6678, 0.4317, 0.5263



29.6678, 0.1180, 0.2231

Complementary

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



29.6678, 0.3827, 0.2188



71.7227, 0.2822, 0.4861

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.



29.6678, 0.1452, 0.3380



29.6678, 0.3827, 0.2188



29.6678, 0.3235, 0.5698

Square

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



29.6678, 0.3827, 0.2188



29.6678, 0.5197, 0.4404



29.6678, 0.2179, 0.4934



29.6678, 0.1273, 0.1691

Rectangle

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



29.6678, 0.3827, 0.2188



29.6678, 0.5493, 0.3326



29.6678, 0.2179, 0.4934



29.6678, 0.1225, 0.2539

Sweetspot

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



29.6693, 0.3827, 0.2188



69.3909, 0.3276, 0.2930



17.2928, 0.2126, 0.1243



14.1352, 0.3300, 0.2881



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.



29.6693, 0.3827, 0.2188



26.5623, 0.4031, 0.2100



26.8894, 0.5034, 0.3012



17.4228, 0.3188, 0.3131



12.3196, 0.4245, 0.2112



1.1605, 0.4090, 0.2027

Inverse Universe

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



29.6693, 0.3827, 0.2188



26.5623, 0.4031, 0.2100



75.0886, 0.2458, 0.3687



17.4228, 0.3188, 0.3131



12.3196, 0.4245, 0.2112



1.1605, 0.4090, 0.2027

Previews

White Background



This preview shows how the Yxy color 29.6678, 0.3827, 0.2188 looks on a white background.

Color Contrast Check

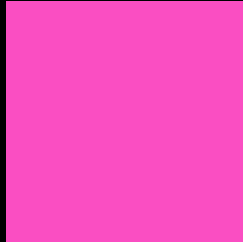
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6678, 0.3827, 0.2188 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 29.6678, 0.3827, 0.2188

Background



This preview shows how black text looks on a background with the Yxy color 29.6678, 0.3827, 0.2188.

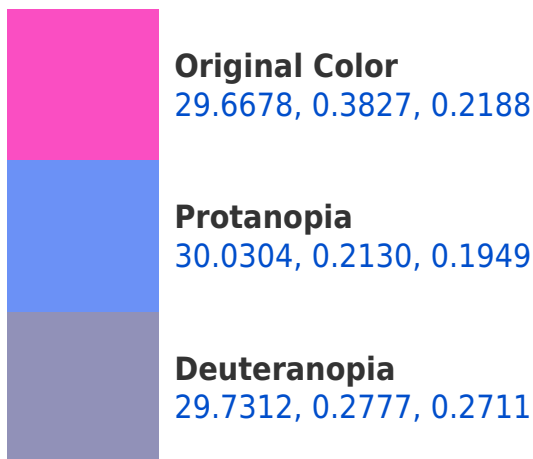


This preview shows how white text looks on a background with the Yxy color 29.6678, 0.3827, 0.2188.

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





Tritanopia

29.6616, 0.4835, 0.3225

Trichromacy



Original Color

29.6678, 0.3827, 0.2188



Protanomaly

26.5917, 0.2545, 0.1933



Deuteranomaly

27.3729, 0.3114, 0.2405



Tritanomaly

29.3150, 0.4487, 0.2819

Monochromacy



Original Color

29.6678, 0.3827, 0.2188



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

25.7474, 0.3390, 0.2693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6678, 0.3827, 0.2188 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(250, 78, 194)` looks like.

```
.text, #text, p{  
    color:rgb(250, 78, 194)  
}
```

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(250, 78, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 78, 194) }
```

Border

The CSS property to change the border of an element to Yxy 29.6678, 0.3827, 0.2188 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(250, 78, 194) }
```

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

```
.border{ border-color:rgb(250, 78, 194) }
```

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

Here you see how a box with a 4 pixel rgb(250, 78, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 78, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 78, 194);  
box-shadow:4px 4px 4px 4px rgb(250, 78,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6678, 0.3827, 0.2188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 78, 194) }
```

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

```
.background{ background-color: rgb(250, 78,  
194) }
```

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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