

Converting Colors

$Y_{xy}(29.6137, 0.4280, 0.2654)$

Have a look what the booklet for
Yxy(29.6137, 0.4280, 0.2654)
contains.

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Color

Yxy(29.6137, 0.4280, 0.2654)

Conversions

Conversions Part 1

Format	Color
Hex	F65C9B
RGB	246, 92, 155
RGB Percent	96%, 36%, 61%
CMY	0.0352, 0.6393, 0.3921
CMYK	0.00, 0.63, 0.37, 0.04
HSL	335°, 90%, 66%
HSV	335°, 63%, 96%
XYZ	47.7568, 29.6137, 34.2109
YIQ	145.2280, 71.5610, 52.2410

Conversions

Conversions Part 2

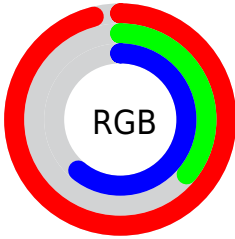
Format	Color
R _Y B	246, 92, 155
Decimal	16145563
CIE Lab	61.32, 64.23, -2.66
CIE LCh	61, 64.280, 357.631
Yxy	29.6137, 0.4280, 0.2654
Android (android.graphics.Color)	4294335643 (0xFFFF65C9B)
YUV	145.2280, 4.8176, 88.3770
Hunter-Lab	54.4185, 61.4166, 0.8195

Details

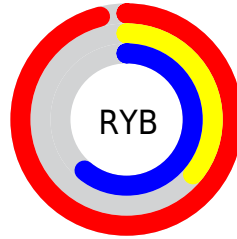
The Yxy color **29.6137, 0.4280, 0.2654** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **71.6212, 0.2643, 0.4122**, and the grayscale version is **28.3691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3583, 0.3588, 0.2676**, and **12.0526, 0.4655, 0.2452** is the 20% darker color. If you saturate the color by 10%, you get **25.5643, 0.4575, 0.2610**, and if you desaturate by 10%, it is **35.1083, 0.4011, 0.2732**.

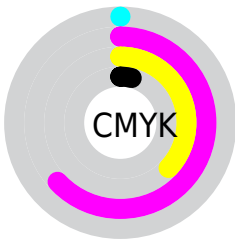
Distribution



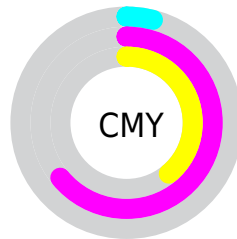
- Red (96%)
- Green (36%)
- Blue (61%)



- Red (96%)
- Yellow (36%)
- Blue (61%)



- Cyan (0%)
- Magenta (63%)
- Yellow (37%)
- Black (4%)





- Cyan (4%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.6137, 0.4280, 0.2654 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 29.6137, 0.4280, 0.2654 by changing the saturation by 10% instead.


 29.6137, 0.4280,
0.2654


 29.6137, 0.4280,
0.2654


300.0997, 0.3668,
0.2988


 19.5456, 0.4443,
0.2566


 59.0507, 0.4050,
0.2779

 12.0651, 0.4659,
0.2451


 79.1884, 0.3965,
0.2825

 6.7881, 0.4956,
0.2294


 103.4514, 0.3895,
0.2863

 3.3299, 0.5388,
0.2069

 132.2241, 0.3836,
0.2896

 1.3063, 0.6057,
0.1727

165.8908, 0.3785,
0.2924

 0.1461, 0.8058,
0.0578

204.8361, 0.3741,


 0.0000, 1.0000,


0.2948


0.0000


249.4442, 0.3702,
0.2969


 0.0000, 0.0000,
0.0000


 29.6137, 0.4280,
0.2654


 29.6137, 0.4280,
0.2654


 25.5643, 0.4575,
0.2610


 35.1083, 0.4011,
0.2732


 22.8137, 0.4882,
0.2613

 42.1662, 0.3775,
0.2831


 21.1923, 0.5180,
0.2669

 50.8989, 0.3574,
0.2940

 20.5305, 0.5384,
0.2740

 61.4061, 0.3406,
0.3051

 73.7796, 0.3267,
0.3160

 88.1050, 0.3153,
0.3264

 98.3377, 0.3072,
0.3290

Harmonies

Analogous

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



29.6137, 0.3205, 0.2144



29.6137, 0.4280, 0.2654



29.6137, 0.5027, 0.3295

Triad

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



29.6137, 0.4280, 0.2654



29.6137, 0.3733, 0.5202



29.6137, 0.1452, 0.2119

Complementary

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



29.6137, 0.4280, 0.2654



71.6212, 0.2643, 0.4122

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.



29.6137, 0.1532, 0.2828



29.6137, 0.4280, 0.2654



29.6137, 0.2785, 0.4995

Square

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



29.6137, 0.4280, 0.2654



29.6137, 0.4581, 0.4706



29.6137, 0.1980, 0.3960



29.6137, 0.1696, 0.1828

Rectangle

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



29.6137, 0.4280, 0.2654



29.6137, 0.5152, 0.3757



29.6137, 0.1980, 0.3960



29.6137, 0.1441, 0.2303

Sweetspot

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



29.6153, 0.4280, 0.2654



71.1793, 0.3353, 0.3091



24.2321, 0.2583, 0.1576



14.4482, 0.3395, 0.3059



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.



29.6153, 0.4280, 0.2654



26.8515, 0.4653, 0.2606



30.4361, 0.5052, 0.3418



16.5949, 0.3229, 0.3194



10.9819, 0.5342, 0.2717



0.9851, 0.5015, 0.2536

Inverse Universe

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



29.6153, 0.4280, 0.2654



26.8515, 0.4653, 0.2606



67.3151, 0.2336, 0.3129



16.5949, 0.3229, 0.3194



10.9819, 0.5342, 0.2717



0.9851, 0.5015, 0.2536

Previews

White Background



This preview shows how the Yxy color 29.6137, 0.4280, 0.2654 looks on a white background.

Color Contrast Check

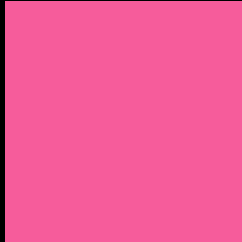
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6137, 0.4280, 0.2654 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 29.6137, 0.4280, 0.2654

Background



This preview shows how black text looks on a background with the Yxy color 29.6137, 0.4280, 0.2654.



This preview shows how white text looks on a background with the Yxy color 29.6137, 0.4280, 0.2654.

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

29.6137, 0.4280, 0.2654

Protanopia

29.9035, 0.2662, 0.2650

Deuteranopia

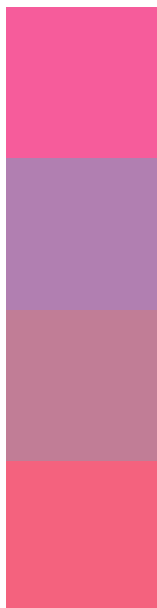
29.8396, 0.3300, 0.3245



Tritanopia

29.6616, 0.4835, 0.3225

Trichromacy



Original Color

29.6137, 0.4280, 0.2654

Protanomaly

27.7002, 0.3160, 0.2600

Deuteranomaly

28.2067, 0.3647, 0.2954

Tritanomaly

29.4748, 0.4639, 0.3009

Monochromacy



Original Color

29.6137, 0.4280, 0.2654

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.0367, 0.3529, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6137, 0.4280, 0.2654 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(246, 92, 155)` looks like.

```
.text, #text, p{  
    color:rgb(246, 92, 155)  
}
```

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(246, 92, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 92, 155) }
```

Border

The CSS property to change the border of an element to Yxy 29.6137, 0.4280, 0.2654 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(246, 92, 155) }
```

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

```
.border{ border-color:rgb(246, 92, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 92, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 92, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 92, 155);  
box-shadow:4px 4px 4px 4px rgb(246, 92,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6137, 0.4280, 0.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 92, 155) }
```

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

```
.background{ background-color: rgb(246, 92,  
155) }
```

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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