

Converting Colors

Yxy(37.2104, 0.4269, 0.3184)

Have a look what the booklet for
Yxy(37.2104, 0.4269, 0.3184)
contains.

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Color

Yxy(37.2104, 0.4269, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	F3838D
RGB	243, 131, 141
RGB Percent	95%, 51%, 55%
CMY	0.0470, 0.4863, 0.4469
CMYK	0.00, 0.46, 0.42, 0.05
HSL	355°, 82%, 73%
HSV	355°, 46%, 95%
XYZ	49.8905, 37.2104, 29.7660
YIQ	165.6280, 63.5420, 26.8540

Conversions

Conversions Part 2

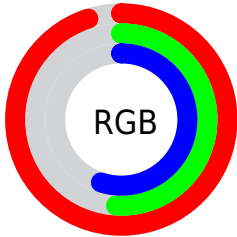
Format	Color
R _Y B	243, 131, 141
Decimal	15958925
CIE Lab	67.43, 43.70, 14.05
CIE LCh	67, 45.904, 17.823
Yxy	37.2104, 0.4269, 0.3184
Android (android.graphics.Color)	4294149005 (0xFFFF3838D)
YUV	165.6280, -12.1416, 67.8552
Hunter-Lab	61.0003, 39.2396, 13.7688

Details

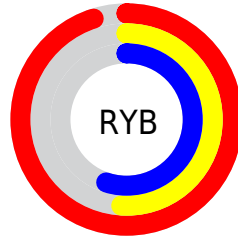
The Yxy color **37.2104, 0.4269, 0.3184** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.8127, 0.2557, 0.3409**, and the grayscale version is **37.9829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3179, 0.3640, 0.3198**, and **16.2714, 0.4627, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **30.8383, 0.4676, 0.3168**, and if you desaturate by 10%, it is **45.2484, 0.3922, 0.3206**.

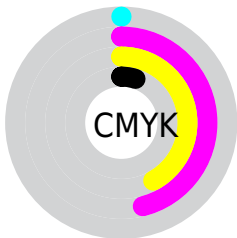
Distribution



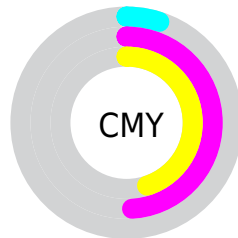
- Red (95%)
- Green (51%)
- Blue (55%)



- Red (95%)
- Yellow (51%)
- Blue (55%)



- Cyan (0%)
- Magenta (46%)
- Yellow (42%)
- Black (5%)





- Cyan (5%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2104, 0.4269, 0.3184 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 37.2104, 0.4269, 0.3184 by changing the saturation by 10% instead.


 37.2104, 0.4269,
0.3184


 37.2104, 0.4269,
0.3184


334.2205, 0.3672,
0.3258

 25.3704, 0.4425,
0.3158


 70.8963, 0.4047,
0.3216

 16.3533, 0.4629,
0.3121


 93.5110, 0.3965,
0.3226

 9.7745, 0.4905,
0.3064


 120.4860, 0.3896,
0.3235

 5.2497, 0.5297,
0.2970

152.2058, 0.3838,
0.3241

 2.3945, 0.5885,
0.2797

189.0548, 0.3787,
0.3247

 0.8231, 0.7368,
0.2632

231.4173, 0.3744,


 0.0000, 1.0000,


0.3251


0.0000


279.6777, 0.3706,
0.3255


 0.0000, 0.0000,
0.0000


 37.2104, 0.4269,
0.3184


 37.2104, 0.4269,
0.3184


 30.8383, 0.4676,
0.3168

 45.2484, 0.3922,
0.3206

 26.0098, 0.5127,
0.3163


 55.0518, 0.3637,
0.3230

 22.5953, 0.5582,
0.3173


 66.7193, 0.3406,
0.3254

 20.4414, 0.5977,
0.3201

 80.3403, 0.3221,
0.3277

 19.3582, 0.6250,
0.3243

 95.9987, 0.3073,
0.3298

 19.1132, 0.6321,
0.3256

 97.7962, 0.3054,
0.3290

Harmonies

Analogous

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



37.2104, 0.3679, 0.2720



37.2104, 0.4269, 0.3184



37.2104, 0.4503, 0.3702

Triad

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



37.2104, 0.4269, 0.3184



37.2104, 0.3158, 0.4477



37.2104, 0.2020, 0.2307

Complementary

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



37.2104, 0.4269, 0.3184



74.8127, 0.2557, 0.3409

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.



37.2104, 0.1919, 0.2642



37.2104, 0.4269, 0.3184



37.2104, 0.2528, 0.3967

Square

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



37.2104, 0.4269, 0.3184



37.2104, 0.3815, 0.4523



37.2104, 0.2089, 0.3242



37.2104, 0.2380, 0.2232

Rectangle

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



37.2104, 0.4269, 0.3184



37.2104, 0.4422, 0.4040



37.2104, 0.2089, 0.3242



37.2104, 0.1958, 0.2388

Sweetspot

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



37.2123, 0.4269, 0.3184



77.3805, 0.3365, 0.3259



39.8271, 0.3079, 0.2132



15.9003, 0.3408, 0.3253



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.



37.2123, 0.4269, 0.3184



35.0052, 0.4635, 0.3169



51.6678, 0.4137, 0.3780



16.5066, 0.3280, 0.3269



10.4974, 0.6301, 0.3245



0.9307, 0.6085, 0.3126

Inverse Universe

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



37.2123, 0.4269, 0.3184



35.0052, 0.4635, 0.3169



51.7782, 0.2410, 0.2726



16.5066, 0.3280, 0.3269



10.4974, 0.6301, 0.3245



0.9307, 0.6085, 0.3126

Previews

White Background



This preview shows how the Yxy color 37.2104, 0.4269, 0.3184 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 37.2104, 0.4269, 0.3184 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 37.2104, 0.4269, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 37.2104, 0.4269, 0.3184.



This preview shows how white text looks on a background with the Yxy color 37.2104, 0.4269, 0.3184.

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

37.2104, 0.4269, 0.3184

Protanopia

37.4546, 0.3227, 0.3376

Deuteranopia

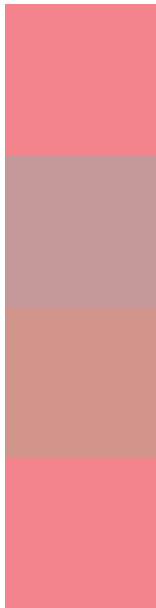
37.1784, 0.3660, 0.3590



Tritanopia

37.2104, 0.4269, 0.3184

Trichromacy



Original Color

37.2104, 0.4269, 0.3184

Protanomaly

36.4592, 0.3580, 0.3291

Deuteranomaly

36.5701, 0.3877, 0.3419

Tritanomaly

37.2104, 0.4269, 0.3184

Monochromacy



Original Color

37.2104, 0.4269, 0.3184

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.6861, 0.3506, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2104, 0.4269, 0.3184 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, 131, 141)` looks like.

```
.text, #text, p{  
    color:rgb(243, 131, 141)  
}
```

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, 131, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 131, 141) }
```

Border

The CSS property to change the border of an element to Yxy 37.2104, 0.4269, 0.3184 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, 131, 141) }
```

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

```
.border{ border-color:rgb(243, 131, 141) }
```

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

Here you see how a box with a 4 pixel rgb(243, 131, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 131, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 131, 141);  
box-shadow:4px 4px 4px 4px rgb(243, 131,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2104, 0.4269, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 131, 141) }
```

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

```
.background{ background-color: rgb(243,  
131, 141) }
```

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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