

Converting Colors

$Y_{xy}(35.0582, 0.4233, 0.3082)$

Have a look what the booklet for
Yxy(35.0582, 0.4233, 0.3082)
contains.

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Color

Yxy(35.2061, 0.4232, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	F07D90
RGB	240, 125, 144
RGB Percent	94%, 49%, 56%
CMY	0.0587, 0.5099, 0.4352
CMYK	0.00, 0.48, 0.40, 0.06
HSL	350°, 79%, 72%
HSV	350°, 48%, 94%
XYZ	48.3114, 35.2061, 30.6398
YIQ	161.5510, 62.4410, 30.2890

Conversions

Conversions Part 2

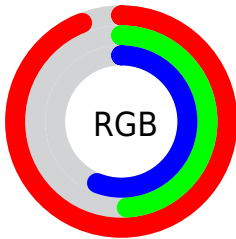
Format	Color
R _Y B	240, 125, 144
Decimal	15760784
CIE Lab	65.91, 45.98, 10.16
CIE LCh	66, 47.086, 12.463
Yxy	35.2061, 0.4232, 0.3084
Android (android.graphics.Color)	4293950864 (0xFFFF07D90)
YUV	161.5510, -8.6526, 68.7998
Hunter-Lab	59.3347, 41.5020, 10.9176

Details

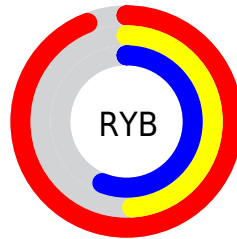
The Yxy color **35.2061, 0.4232, 0.3084** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.9175, 0.2581, 0.3524**, and the grayscale version is **35.9297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9797, 0.3627, 0.3104**, and **15.2666, 0.4590, 0.2996** is the 20% darker color. If you saturate the color by 10%, you get **29.2891, 0.4612, 0.3054**, and if you desaturate by 10%, it is **42.7035, 0.3907, 0.3125**.

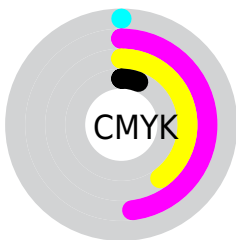
Distribution



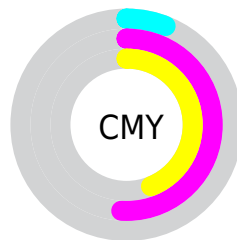
- Red (94%)
- Green (49%)
- Blue (56%)



- Red (94%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (48%)
- Yellow (40%)
- Black (6%)





- Cyan (6%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2061, 0.4232, 0.3084 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 35.2061, 0.4232, 0.3084 by changing the saturation by 10% instead.


 35.2061, 0.4232,
0.3084


 35.2061, 0.4232,
0.3084


325.4771, 0.3650,
0.3206

 23.8217, 0.4386,
0.3047


 67.8049, 0.4014,
0.3133

 15.2014, 0.4588,
0.2996


 89.7881, 0.3934,
0.3150

 8.9609, 0.4864,
0.2921


 116.0730, 0.3867,
0.3164

 4.7157, 0.5260,
0.2803

147.0441, 0.3811,
0.3175

 2.0814, 0.5868,
0.2599

183.0856, 0.3762,
0.3185

 0.6541, 0.7624,
0.2369

224.5820, 0.3720,

 0.0000, 1.0000,

0.3193

0.0000

271.9177, 0.3683,
0.3200

0.0000, 0.0000,
0.0000

35.2061, 0.4232,
0.3084

35.2061, 0.4232,
0.3084

29.2891, 0.4612,
0.3054

42.7035, 0.3907,
0.3125

24.8337, 0.5034,
0.3042

51.8781, 0.3638,
0.3169

21.7133, 0.5464,
0.3056


62.8252, 0.3419,
0.3214


19.7768, 0.5850,
0.3101

75.6313, 0.3242,
0.3258

18.8192, 0.6142,
0.3171

90.3776, 0.3100,
0.3298

 18.6818, 0.6190,
0.3184

 97.2706, 0.3036,
0.3290

Harmonies

Analogous

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



35.2061, 0.3570, 0.2623



35.2061, 0.4232, 0.3084



35.2061, 0.4553, 0.3615

Triad

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



35.2061, 0.4232, 0.3084



35.2061, 0.3281, 0.4581



35.2061, 0.1940, 0.2308

Complementary

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



35.2061, 0.4232, 0.3084



71.9175, 0.2581, 0.3524

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.



35.2061, 0.1883, 0.2704



35.2061, 0.4232, 0.3084



35.2061, 0.2607, 0.4124

Square

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



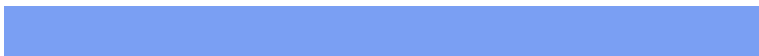
35.2061, 0.4232, 0.3084



35.2061, 0.3949, 0.4536



35.2061, 0.2108, 0.3371



35.2061, 0.2264, 0.2188

Rectangle

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



35.2061, 0.4232, 0.3084



35.2061, 0.4517, 0.3972



35.2061, 0.2108, 0.3371



35.2061, 0.1891, 0.2408

Sweetspot

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



35.2079, 0.4232, 0.3084



77.5272, 0.3346, 0.3232



36.3059, 0.3005, 0.2065



15.9355, 0.3386, 0.3222



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.



35.2079, 0.4232, 0.3084



33.4503, 0.4623, 0.3053



46.3237, 0.4235, 0.3715



15.8015, 0.3267, 0.3251



10.2366, 0.6159, 0.3167



0.8640, 0.5827, 0.2984

Inverse Universe

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



35.2079, 0.4232, 0.3084



33.4503, 0.4623, 0.3053



52.7438, 0.2403, 0.2802



15.8015, 0.3267, 0.3251



10.2366, 0.6159, 0.3167



0.8640, 0.5827, 0.2984

Previews

White Background



This preview shows how the Yxy color 35.2061, 0.4232, 0.3084 looks on a white background.

Color Contrast Check

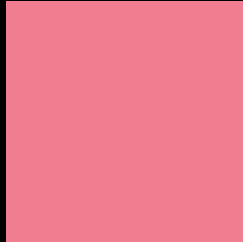
Large Text (above 18pt) WCAG AA × Fail

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 35.2061, 0.4232, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

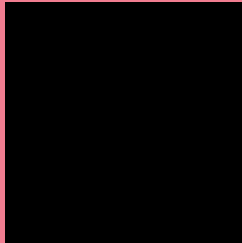
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2061, 0.4232, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 35.2061, 0.4232, 0.3084.



This preview shows how white text looks on a background with the Yxy color 35.2061, 0.4232, 0.3084.

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

35.2061, 0.4232, 0.3084

Protanopia

35.5725, 0.3129, 0.3247

Deuteranopia

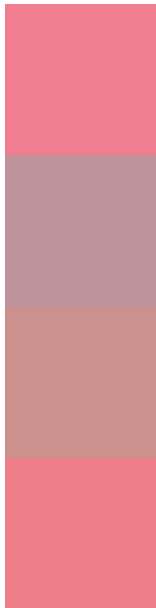
35.4971, 0.3578, 0.3514



Tritanopia

35.0500, 0.4314, 0.3183

Trichromacy



Original Color

35.2061, 0.4232, 0.3084

Protanomaly

34.3441, 0.3500, 0.3170

Deuteranomaly

34.7070, 0.3808, 0.3331

Tritanomaly

35.1365, 0.4278, 0.3150

Monochromacy



Original Color

35.2061, 0.4232, 0.3084

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.8086, 0.3495, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2061, 0.4232, 0.3084 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(240, 125, 144)` looks like.

```
.text, #text, p{  
    color:rgb(240, 125, 144)  
}
```

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(240, 125, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 125, 144) }
```

Border

The CSS property to change the border of an element to Yxy 35.2061, 0.4232, 0.3084 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(240, 125, 144) }
```

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

```
.border{ border-color:rgb(240, 125, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 125, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 125, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 125, 144);  
box-shadow:4px 4px 4px 4px rgb(240, 125,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2061, 0.4232, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 125, 144) }
```

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

```
.background{ background-color: rgb(240,  
125, 144) }
```

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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