

Converting Colors

$Y_{xy}(36.1900, 0.4312, 0.3051)$

Have a look what the booklet for
Yxy(36.1900, 0.4312, 0.3051)
contains.

Yxy(36.1031, 0.4323, 0.3052)	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(36.1031, 0.4323, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	F97A91
RGB	249, 122, 145
RGB Percent	98%, 48%, 57%
CMY	0.0235, 0.5216, 0.4315
CMYK	0.00, 0.51, 0.42, 0.02
HSL	349°, 91%, 73%
HSV	349°, 51%, 98%
XYZ	51.1382, 36.1031, 31.0520
YIQ	162.5950, 68.3090, 34.0770

Conversions

Conversions Part 2

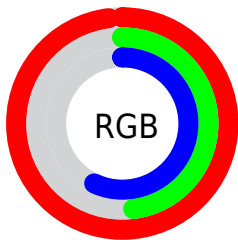
Format	Color
R _Y B	249, 122, 145
Decimal	16349841
CIE Lab	66.60, 50.64, 10.77
CIE LCh	67, 51.770, 12.002
Yxy	36.1031, 0.4323, 0.3052
Android (android.graphics.Color)	4294539921 (0xFFFF97A91)
YUV	162.5950, -8.6743, 75.7772
Hunter-Lab	60.0859, 46.7684, 11.4194

Details

The Yxy color **36.1031, 0.4323, 0.3052** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **77.3875, 0.2564, 0.3566**, and the grayscale version is **36.4430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8278, 0.3625, 0.3063**, and **15.7793, 0.4700, 0.2952** is the 20% darker color. If you saturate the color by 10%, you get **30.1797, 0.4712, 0.3023**, and if you desaturate by 10%, it is **43.7094, 0.3986, 0.3094**.

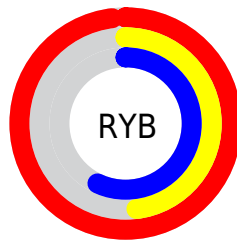
Distribution



Red (98%)

Green (48%)

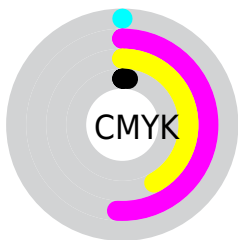
Blue (57%)



Red (98%)

Yellow (48%)

Blue (57%)

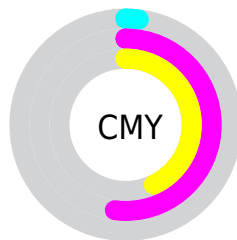


Cyan (0%)

Magenta (51%)

Yellow (42%)

Black (2%)



Cyan (2%)


Magenta (52%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1031, 0.4323, 0.3052 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 36.1031, 0.4323, 0.3052 by changing the saturation by 10% instead.


 36.1031, 0.4323,
0.3052


 36.1031, 0.4323,
0.3052


329.4109, 0.3696,
0.3192

 24.5138, 0.4487,
0.3010


 69.1912, 0.4089,
0.3108

 15.7152, 0.4702,
0.2953


 91.4588, 0.4003,
0.3127

 9.3229, 0.4993,
0.2869


 118.0546, 0.3931,
0.3143

 4.9524, 0.5407,
0.2739

149.3630, 0.3870,
0.3156

 2.2193, 0.6030,
0.2520

185.7685, 0.3817,
0.3167

 0.7305, 0.7614,
0.2254

227.6554, 0.3772,


 0.0000, 1.0000,


0.3177


0.0000


275.4081, 0.3732,
0.3185


 0.0000, 0.0000,
0.0000


 36.1031, 0.4323,
0.3052


 36.1031, 0.4323,
0.3052


 30.1797, 0.4712,
0.3023


 43.7094, 0.3986,
0.3094


 25.8055, 0.5134,
0.3017


 53.1078, 0.3705,
0.3142


 22.8353, 0.5553,
0.3041

 64.4050, 0.3476,
0.3192

 21.0938, 0.5916,
0.3099

 77.6975, 0.3290,
0.3240

 20.3311, 0.6159,
0.3167

 93.0754, 0.3140,
0.3286

98.8813, 0.3090,
0.3290

Harmonies

Analogous

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



36.1031, 0.3594, 0.2564



36.1031, 0.4323, 0.3052



36.1031, 0.4677, 0.3617

Triad

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



36.1031, 0.4323, 0.3052



36.1031, 0.3294, 0.4711



36.1031, 0.1848, 0.2231

Complementary

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



36.1031, 0.4323, 0.3052



77.3875, 0.2564, 0.3566

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.



36.1031, 0.1790, 0.2655



36.1031, 0.4323, 0.3052



36.1031, 0.2566, 0.4220

Square

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



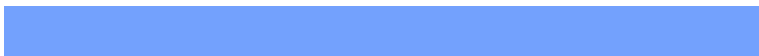
36.1031, 0.4323, 0.3052



36.1031, 0.4016, 0.4633



36.1031, 0.2030, 0.3384



36.1031, 0.2187, 0.2105

Rectangle

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



36.1031, 0.4323, 0.3052



36.1031, 0.4636, 0.4001



36.1031, 0.2030, 0.3384



36.1031, 0.1797, 0.2337

Sweetspot

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



36.1050, 0.4323, 0.3052



76.1208, 0.3360, 0.3221



36.8843, 0.2974, 0.1982



15.6599, 0.3399, 0.3211



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.



36.1050, 0.4323, 0.3052



31.8169, 0.4714, 0.3023



47.4655, 0.4351, 0.3718



17.2765, 0.3265, 0.3247



10.8968, 0.6126, 0.3149



1.0228, 0.5822, 0.2981

Inverse Universe

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



36.1050, 0.4323, 0.3052



31.8169, 0.4714, 0.3023



56.4761, 0.2366, 0.2791



17.2765, 0.3265, 0.3247



10.8968, 0.6126, 0.3149



1.0228, 0.5822, 0.2981

Previews

White Background



This preview shows how the Yxy color 36.1031, 0.4323, 0.3052 looks on a white background.

Color Contrast Check

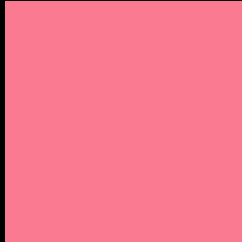
Large Text (above 18pt) WCAG AA × Fail

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 36.1031, 0.4323, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

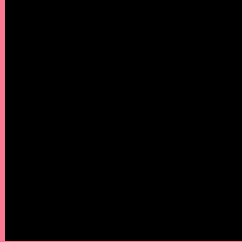
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1031, 0.4323, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 36.1031, 0.4323, 0.3052.



This preview shows how white text looks on a background with the Yxy color 36.1031, 0.4323, 0.3052.

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

36.1031, 0.4323, 0.3052

Protanopia

36.4863, 0.3111, 0.3233

Deuteranopia

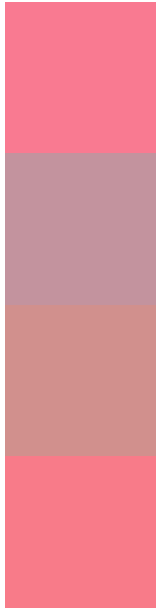
36.0801, 0.3596, 0.3526



Tritanopia

36.0652, 0.4449, 0.3199

Trichromacy



Original Color

36.1031, 0.4323, 0.3052

Protanomaly

34.9382, 0.3521, 0.3145

Deuteranomaly

35.4249, 0.3861, 0.3330

Tritanomaly

35.9285, 0.4406, 0.3146

Monochromacy



Original Color

36.1031, 0.4323, 0.3052

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.0494, 0.3529, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1031, 0.4323, 0.3052 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(249, 122, 145)` looks like.

```
.text, #text, p{  
    color:rgb(249, 122, 145)  
}
```

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(249, 122, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 122, 145) }
```

Border

The CSS property to change the border of an element to Yxy 36.1031, 0.4323, 0.3052 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(249, 122, 145) }
```

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

```
.border{ border-color:rgb(249, 122, 145) }
```

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

Here you see how a box with a 4 pixel rgb(249, 122, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 122, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 122, 145);  
box-shadow:4px 4px 4px 4px rgb(249, 122,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1031, 0.4323, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 122, 145) }
```

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

```
.background{ background-color: rgb(249,  
122, 145) }
```

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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