

Converting Colors

$Yxy(40.9986, 0.3992, 0.3103)$

Have a look what the booklet for
Yxy(40.9986, 0.3992, 0.3103)
contains.

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Color

Yxy(41.0602, 0.3991, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	F28FA0
RGB	242, 143, 160
RGB Percent	95%, 56%, 63%
CMY	0.0511, 0.4391, 0.3725
CMYK	0.00, 0.41, 0.34, 0.05
HSL	350°, 79%, 75%
HSV	350°, 41%, 95%
XYZ	52.7766, 41.0602, 38.4022
YIQ	174.5390, 53.5470, 26.2750

Conversions

Conversions Part 2

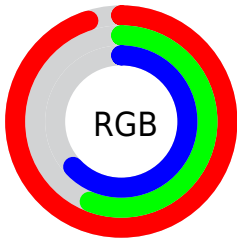
Format	Color
R _Y B	242, 143, 160
Decimal	15896480
CIE Lab	70.22, 39.33, 7.35
CIE LCh	70, 40.015, 10.578
Yxy	41.0602, 0.3991, 0.3105
Android (android.graphics.Color)	4294086560 (0xFF28FA0)
YUV	174.5390, -7.1677, 59.1633
Hunter-Lab	64.0782, 34.8805, 9.3222

Details

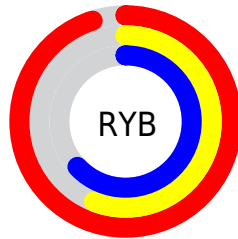
The Yxy color **41.0602, 0.3991, 0.3105** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.7608, 0.2647, 0.3492**, and the grayscale version is **42.6385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5545, 0.3452, 0.3117**, and **18.4837, 0.4247, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **33.9166, 0.4330, 0.3065**, and if you desaturate by 10%, it is **49.8877, 0.3708, 0.3151**.

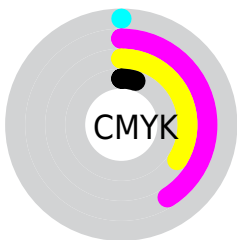
Distribution



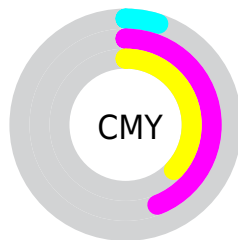
- Red (95%)
- Green (56%)
- Blue (63%)



- Red (95%)
- Yellow (56%)
- Blue (63%)



- Cyan (0%)
- Magenta (41%)
- Yellow (34%)
- Black (5%)




- Cyan (5%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0602, 0.3991, 0.3105 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 41.0602, 0.3991, 0.3105 by changing the saturation by 10% instead.


 41.0602, 0.3991,
0.3105


 41.0602, 0.3991,
0.3105


350.5722, 0.3547,
0.3208

 28.3661, 0.4105,
0.3076


 76.7753, 0.3827,
0.3145

 18.6018, 0.4253,
0.3038


 100.5651, 0.3766,
0.3159

 11.3829, 0.4453,
0.2983


128.8222, 0.3715,
0.3170

 6.3250, 0.4735,
0.2901

161.9311, 0.3672,
0.3180

 3.0437, 0.5162,
0.2768

200.2762, 0.3634,
0.3189

 1.1546, 0.5894,
0.2531

244.2418, 0.3602,

 0.0241, 0.9762,

0.3196

0.0238

294.2123, 0.3573,
0.3202

■ 0.0000, 0.0000,
0.0000

■ 41.0602, 0.3991,
0.3105

■ 41.0602, 0.3991,
0.3105

■ 33.9166, 0.4330,
0.3065

■ 49.8877, 0.3708,
0.3151

■ 28.3436, 0.4722,
0.3038

■ 60.4905, 0.3477,
0.3198

■ 24.2238, 0.5148,
0.3033

■ 72.9610, 0.3290,
0.3243

■ 21.4204, 0.5569,
0.3056

■ 87.3832, 0.3139,
0.3286

■ 19.7704, 0.5933,
0.3111

■ 97.6109, 0.3047,
0.3290

■ 19.0347, 0.6178,
0.3177

Harmonies

Analogous

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



41.0602, 0.3454, 0.2718



41.0602, 0.3991, 0.3105



41.0602, 0.4275, 0.3553

Triad

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



41.0602, 0.3991, 0.3105



41.0602, 0.3305, 0.4324



41.0602, 0.2131, 0.2501

Complementary

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



41.0602, 0.3991, 0.3105



74.7608, 0.2647, 0.3492

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.



41.0602, 0.2101, 0.2855



41.0602, 0.3991, 0.3105



41.0602, 0.2745, 0.3982

Square

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



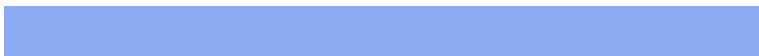
41.0602, 0.3991, 0.3105



41.0602, 0.3845, 0.4295



41.0602, 0.2313, 0.3404



41.0602, 0.2394, 0.2375

Rectangle

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



41.0602, 0.3991, 0.3105



41.0602, 0.4270, 0.3849



41.0602, 0.2313, 0.3404



41.0602, 0.2094, 0.2593

Sweetspot

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



41.0622, 0.3991, 0.3105



80.4801, 0.3309, 0.3238



41.8813, 0.3015, 0.2234



16.8128, 0.3332, 0.3232



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.



41.0622, 0.3991, 0.3105



39.4888, 0.4267, 0.3072



51.2653, 0.4028, 0.3637



15.8031, 0.3266, 0.3250



10.2426, 0.6145, 0.3159



0.8647, 0.5808, 0.2973

Inverse Universe

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



41.0622, 0.3991, 0.3105



39.4888, 0.4267, 0.3072



58.6578, 0.2505, 0.2906



15.8031, 0.3266, 0.3250



10.2426, 0.6145, 0.3159



0.8647, 0.5808, 0.2973

Previews

White Background



This preview shows how the Yxy color 41.0602, 0.3991, 0.3105 looks on a white background.

Color Contrast Check

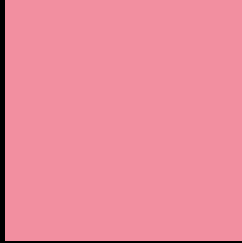
Large Text (above 18pt) WCAG AA × Fail

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 41.0602, 0.3991, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

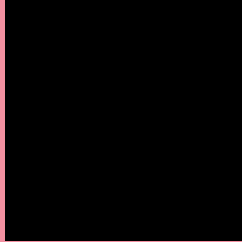
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0602, 0.3991, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 41.0602, 0.3991, 0.3105.



This preview shows how white text looks on a background with the Yxy color 41.0602, 0.3991, 0.3105.

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

41.0602, 0.3991, 0.3105

Protanopia

41.2591, 0.3112, 0.3222

Deuteranopia

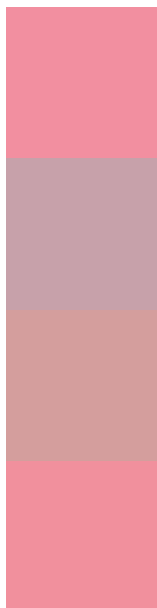
41.2748, 0.3494, 0.3422



Tritanopia

41.0138, 0.4033, 0.3171

Trichromacy



Original Color

41.0602, 0.3991, 0.3105

Protanomaly

40.5341, 0.3412, 0.3176

Deuteranomaly

40.8851, 0.3674, 0.3304

Tritanomaly

41.0816, 0.4011, 0.3148

Monochromacy



Original Color

41.0602, 0.3991, 0.3105

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.2388, 0.3408, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0602, 0.3991, 0.3105 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(242, 143, 160)` looks like.

```
.text, #text, p{  
    color:rgb(242, 143, 160)  
}
```

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(242, 143, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 143, 160) }
```

Border

The CSS property to change the border of an element to Yxy 41.0602, 0.3991, 0.3105 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(242, 143, 160) }
```

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

```
.border{ border-color:rgb(242, 143, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 143, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 143, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 143, 160);  
box-shadow:4px 4px 4px 4px rgb(242, 143,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0602, 0.3991, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 143, 160) }
```

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

```
.background{ background-color: rgb(242,  
143, 160) }
```

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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