

Converting Colors

$Y_{xy}(50.2822, 0.3796, 0.3172)$

Have a look what the booklet for
Yxy(50.2822, 0.3796, 0.3172)
contains.

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Color

Yxy(50.4032, 0.3795, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	F8A6B1
RGB	248, 166, 177
RGB Percent	97%, 65%, 69%
CMY	0.0275, 0.3490, 0.3058
CMYK	0.00, 0.33, 0.29, 0.03
HSL	352°, 85%, 81%
HSV	352°, 33%, 97%
XYZ	60.2837, 50.4032, 48.1634
YIQ	191.7720, 45.3410, 20.8050

Conversions

Conversions Part 2

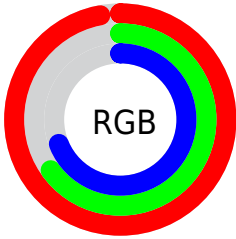
Format	Color
R_{YB}	248, 166, 177
Decimal	16295601
CIE _{Lab}	76.32, 31.68, 6.78
CIE _{LCh}	76, 32.396, 12.077
Yxy	50.4032, 0.3795, 0.3173
Android (android.graphics.Color)	4294485681 (0xFFF8A6B1)
YUV	191.7720, -7.2826, 49.3120
Hunter-Lab	70.9952, 27.3269, 9.4741

Details

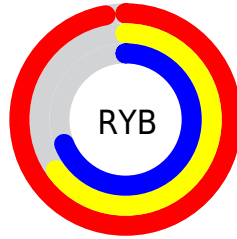
The Yxy color **50.4032, 0.3795, 0.3173** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.3497, 0.2710, 0.3414**, and the grayscale version is **52.5982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3857, 0.3289, 0.3181**, and **24.2381, 0.3978, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **41.4518, 0.4106, 0.3138**, and if you desaturate by 10%, it is **61.2323, 0.3541, 0.3210**.

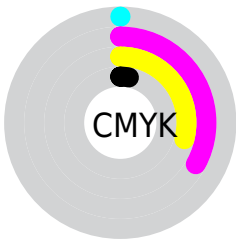
Distribution



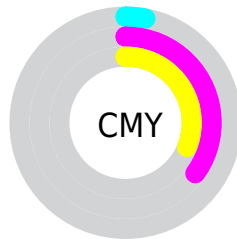
- Red (97%)
- Green (65%)
- Blue (69%)



- Red (97%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4032, 0.3795, 0.3173 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 50.4032, 0.3795, 0.3173 by changing the saturation by 10% instead.


 50.4032, 0.3795,
0.3173


 50.4032, 0.3795,
0.3173

388.2406, 0.3463,
0.3236

 35.7339, 0.3877,
0.3156


 90.7720, 0.3675,
0.3197

 24.2287, 0.3982,
0.3133


 117.2402, 0.3630,
0.3206

 15.5034, 0.4120,
0.3102


148.4103, 0.3591,
0.3213

 9.1734, 0.4310,
0.3057

184.6664, 0.3559,
0.3219

 4.8545, 0.4588,
0.2986

226.3932, 0.3530,
0.3224

 2.1621, 0.5028,
0.2861

273.9748, 0.3505,

 0.6992, 0.6170,

0.3229

0.2714

327.7959, 0.3483,
0.3233

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4032, 0.3795,
0.3173

50.4032, 0.3795,
0.3173

41.4518, 0.4106,
0.3138

61.2323, 0.3541,
0.3210

34.2643, 0.4475,
0.3110

74.0300, 0.3336,
0.3246

28.7260, 0.4896,
0.3094

88.8899, 0.3171,
0.3280

24.7051, 0.5341,
0.3097

98.6949, 0.3084,
0.3290

■ 22.0502, 0.5760,
0.3126

■ 20.5779, 0.6093,
0.3178

■ 20.0667, 0.6254,
0.3219

Harmonies

Analogous

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



50.4032, 0.3401, 0.2861



50.4032, 0.3795, 0.3173



50.4032, 0.3998, 0.3528

Triad

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



50.4032, 0.3795, 0.3173



50.4032, 0.3253, 0.4050



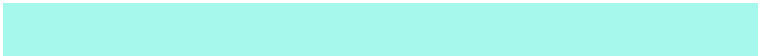
50.4032, 0.2360, 0.2679

Complementary

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



50.4032, 0.3795, 0.3173



81.3497, 0.2710, 0.3414

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.



50.4032, 0.2328, 0.2953



50.4032, 0.3795, 0.3173



50.4032, 0.2823, 0.3784

Square

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



50.4032, 0.3795, 0.3173



50.4032, 0.3666, 0.4061



50.4032, 0.2491, 0.3361



50.4032, 0.2579, 0.2579

Rectangle

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



50.4032, 0.3795, 0.3173



50.4032, 0.3992, 0.3754



50.4032, 0.2491, 0.3361



50.4032, 0.2328, 0.2752

Sweetspot

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



50.4056, 0.3795, 0.3173



83.4549, 0.3282, 0.3257



51.8323, 0.3065, 0.2442



17.4038, 0.3306, 0.3252



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.



50.4056, 0.3795, 0.3173



46.8221, 0.4006, 0.3148



61.6050, 0.3799, 0.3599



17.2632, 0.3273, 0.3258



10.8523, 0.6228, 0.3204



1.0165, 0.5958, 0.3056

Inverse Universe

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



50.4056, 0.3795, 0.3173



46.8221, 0.4006, 0.3148



65.7027, 0.2614, 0.2957



17.2632, 0.3273, 0.3258



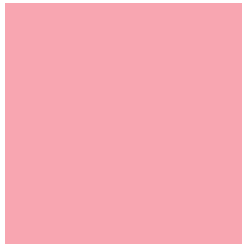
10.8523, 0.6228, 0.3204



1.0165, 0.5958, 0.3056

Previews

White Background



This preview shows how the Yxy color 50.4032, 0.3795, 0.3173 looks on a white background.

Color Contrast Check

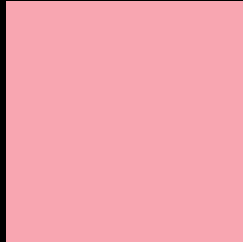
Large Text (above 18pt) WCAG AA × Fail

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 50.4032, 0.3795, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

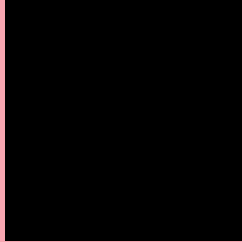
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4032, 0.3795, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 50.4032, 0.3795, 0.3173.



This preview shows how white text looks on a background with the Yxy color 50.4032, 0.3795, 0.3173.

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

50.4032, 0.3795, 0.3173

Protanopia

50.8470, 0.3153, 0.3278

Deuteranopia

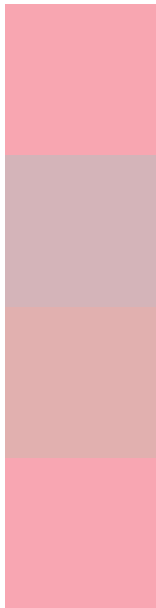
50.5089, 0.3455, 0.3387



Tritanopia

50.4432, 0.3786, 0.3163

Trichromacy



Original Color

50.4032, 0.3795, 0.3173

Protanomaly

50.1423, 0.3365, 0.3231

Deuteranomaly

50.1534, 0.3577, 0.3303

Tritanomaly

50.4432, 0.3786, 0.3163

Monochromacy



Original Color

50.4032, 0.3795, 0.3173

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4519, 0.3344, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4032, 0.3795, 0.3173 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(248, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(248, 166, 177)  
}
```

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(248, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 166, 177) }
```

Border

The CSS property to change the border of an element to Yxy 50.4032, 0.3795, 0.3173 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(248, 166, 177) }
```

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

```
.border{ border-color:rgb(248, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(248, 166,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4032, 0.3795, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 166, 177) }
```

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

```
.background{ background-color: rgb(248,  
166, 177) }
```

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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