

Converting Colors

$Y_{xy}(46.1887, 0.3904, 0.3226)$

Have a look what the booklet for
Yxy(46.1887, 0.3904, 0.3226)
contains.

Yxy(46.1887, 0.3904, 0.3226)	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(46.1887, 0.3904, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	F39EA4
RGB	243, 158, 164
RGB Percent	95%, 62%, 64%
CMY	0.0470, 0.3804, 0.3569
CMYK	0.00, 0.35, 0.33, 0.05
HSL	356°, 78%, 79%
HSV	356°, 35%, 95%
XYZ	55.8961, 46.1887, 41.0916
YIQ	184.0990, 48.7340, 19.8860

Conversions

Conversions Part 2

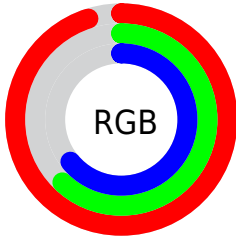
Format	Color
R_{YB}	243, 158, 164
Decimal	15965860
CIE _{Lab}	73.67, 32.41, 10.07
CIE _{LCh}	74, 33.936, 17.259
Yxy	46.1887, 0.3904, 0.3226
Android (android.graphics.Color)	4294155940 (0xFFFF39EA4)
YUV	184.0990, -9.9088, 51.6562
Hunter-Lab	67.9623, 27.8746, 11.7254

Details

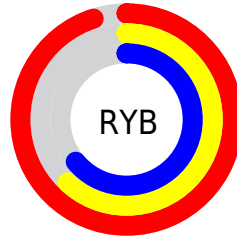
The Yxy color **46.1887, 0.3904, 0.3226** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.4995, 0.2662, 0.3358**, and the grayscale version is **48.0272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9630, 0.3399, 0.3230**, and **21.5873, 0.4140, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **37.9595, 0.4252, 0.3209**, and if you desaturate by 10%, it is **56.2065, 0.3619, 0.3245**.

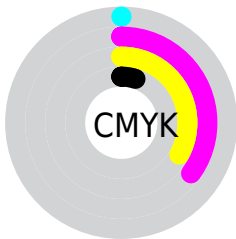
Distribution



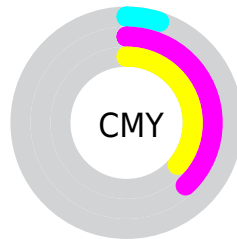
- Red (95%)
- Green (62%)
- Blue (64%)



- Red (95%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (5%)





- Cyan (5%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1887, 0.3904, 0.3226 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 46.1887, 0.3904, 0.3226 by changing the saturation by 10% instead.


 46.1887, 0.3904,
0.3226


 46.1887, 0.3904,
0.3226


371.5668, 0.3512,
0.3267

 32.3948, 0.4003,
0.3213


 84.5013, 0.3761,
0.3243

 21.6632, 0.4130,
0.3195


 109.7888, 0.3707,
0.3249

 13.6096, 0.4299,
0.3168


139.6763, 0.3662,
0.3253

 7.8497, 0.4535,
0.3126

174.5481, 0.3623,
0.3257

 3.9989, 0.4885,
0.3053

214.7886, 0.3590,
0.3260

 1.6729, 0.5448,
0.2911

260.7823, 0.3560,

 0.4060, 0.7508,

0.3263

0.2492

312.9136, 0.3534,
0.3265

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.1887, 0.3904,
0.3226

46.1887, 0.3904,
0.3226

37.9595, 0.4252,
0.3209

56.2065, 0.3619,
0.3245

31.4073, 0.4661,
0.3196

68.1023, 0.3389,
0.3264

26.4187, 0.5117,
0.3192

81.9678, 0.3205,
0.3282

22.8633, 0.5578,
0.3200

97.7567, 0.3057,
0.3296

■ 20.5898, 0.5980,
0.3222

■ 97.7990, 0.3054,
0.3290

■ 19.4125, 0.6257,
0.3255

■ 19.1000, 0.6343,
0.3268

Harmonies

Analogous

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



46.1887, 0.3504, 0.2881



46.1887, 0.3904, 0.3226



46.1887, 0.4077, 0.3606

Triad

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



46.1887, 0.3904, 0.3226



46.1887, 0.3177, 0.4083



46.1887, 0.2331, 0.2601

Complementary

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



46.1887, 0.3904, 0.3226



77.4995, 0.2662, 0.3358

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.



46.1887, 0.2261, 0.2861



46.1887, 0.3904, 0.3226



46.1887, 0.2727, 0.3753

Square

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



46.1887, 0.3904, 0.3226



46.1887, 0.3635, 0.4140



46.1887, 0.2399, 0.3282



46.1887, 0.2597, 0.2529

Rectangle

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



46.1887, 0.3904, 0.3226



46.1887, 0.4036, 0.3842



46.1887, 0.2399, 0.3282



46.1887, 0.2285, 0.2667

Sweetspot

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



46.1909, 0.3904, 0.3226



83.3623, 0.3292, 0.3273



48.7464, 0.3108, 0.2406



17.3816, 0.3319, 0.3270



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.



46.1909, 0.3904, 0.3226



44.7908, 0.4145, 0.3214



59.8546, 0.3828, 0.3677



16.5015, 0.3283, 0.3274



10.4874, 0.6326, 0.3259



0.9282, 0.6148, 0.3161

Inverse Universe

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



46.1909, 0.3904, 0.3226



44.7908, 0.4145, 0.3214



58.6554, 0.2576, 0.2865



16.5015, 0.3283, 0.3274



10.4874, 0.6326, 0.3259



0.9282, 0.6148, 0.3161

Previews

White Background



This preview shows how the Yxy color 46.1887, 0.3904, 0.3226 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 46.1887, 0.3904, 0.3226 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 46.1887, 0.3904, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 46.1887, 0.3904, 0.3226.



This preview shows how white text looks on a background with the Yxy color 46.1887, 0.3904, 0.3226.

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

46.1887, 0.3904, 0.3226

Protanopia

46.6214, 0.3210, 0.3355

Deuteranopia

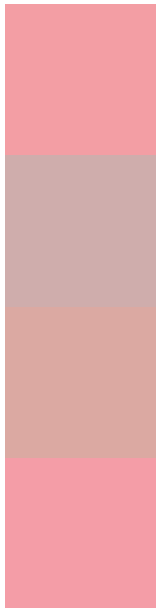
46.3550, 0.3530, 0.3466



Tritanopia

46.2116, 0.3866, 0.3161

Trichromacy



Original Color

46.1887, 0.3904, 0.3226

Protanomaly

46.1311, 0.3446, 0.3303

Deuteranomaly

46.0446, 0.3660, 0.3376

Tritanomaly

46.1371, 0.3886, 0.3182

Monochromacy



Original Color

46.1887, 0.3904, 0.3226

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.8134, 0.3380, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1887, 0.3904, 0.3226 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, 158, 164)` looks like.

```
.text, #text, p{  
    color:rgb(243, 158, 164)  
}
```

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, 158, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 158, 164) }
```

Border

The CSS property to change the border of an element to Yxy 46.1887, 0.3904, 0.3226 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, 158, 164) }
```

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

```
.border{ border-color:rgb(243, 158, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 158, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 158, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 158, 164);  
box-shadow:4px 4px 4px 4px rgb(243, 158,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1887, 0.3904, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 158, 164) }
```

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

```
.background{ background-color: rgb(243,  
158, 164) }
```

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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