

Converting Colors

$Y_{xy}(39.7721, 0.4211, 0.3186)$

Have a look what the booklet for
Yxy(39.7721, 0.4211, 0.3186)
contains.

Yxy(39.7721, 0.4211, 0.3186)	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(39.7721, 0.4211, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	F78993
RGB	247, 137, 147
RGB Percent	97%, 54%, 58%
CMY	0.0314, 0.4627, 0.4237
CMYK	0.00, 0.45, 0.41, 0.03
HSL	355°, 87%, 75%
HSV	355°, 45%, 97%
XYZ	52.5676, 39.7721, 32.4943
YIQ	171.0300, 62.3500, 26.4300

Conversions

Conversions Part 2

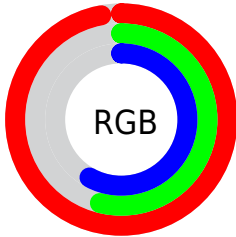
Format	Color
RYB	247, 137, 147
Decimal	16222611
CIELab	69.31, 42.72, 13.43
CIElCh	69, 44.780, 17.449
Yxy	39.7721, 0.4211, 0.3186
Android (android.graphics.Color)	4294412691 (0xFFFF78993)
YUV	171.0300, -11.8468, 66.6257
Hunter-Lab	63.0651, 38.4237, 13.5964

Details

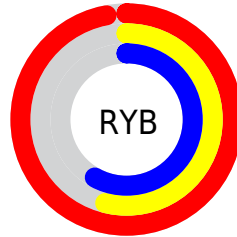
The Yxy color **39.7721, 0.4211, 0.3186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.9582, 0.2572, 0.3405**, and the grayscale version is **40.7782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1763, 0.3576, 0.3198**, and **17.7685, 0.4533, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **32.8992, 0.4610, 0.3169**, and if you desaturate by 10%, it is **48.3939, 0.3874, 0.3208**.

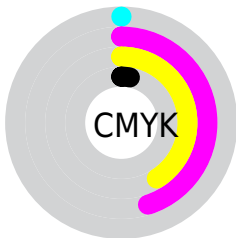
Distribution



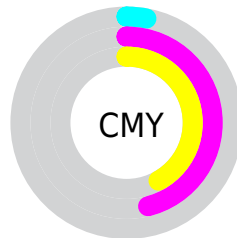
- Red (97%)
- Green (54%)
- Blue (58%)



- Red (97%)
- Yellow (54%)
- Blue (58%)



- Cyan (0%)
- Magenta (45%)
- Yellow (41%)
- Black (3%)





- Cyan (3%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7721, 0.4211, 0.3186 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 39.7721, 0.4211, 0.3186 by changing the saturation by 10% instead.


 39.7721, 0.4211,
0.3186


 39.7721, 0.4211,
0.3186


345.1621, 0.3650,
0.3256

 27.3609, 0.4356,
0.3163

 74.8164, 0.4003,
0.3216

 17.8445, 0.4544,
0.3129


 98.2182, 0.3927,
0.3226

 10.8384, 0.4797,
0.3078


 126.0524, 0.3862,
0.3234

 5.9583, 0.5153,
0.2995

158.7033, 0.3807,
0.3240

 2.8197, 0.5685,
0.2847

196.5553, 0.3760,
0.3245

 1.0383, 0.6853,
0.2675

239.9928, 0.3718,


 0.0000, 1.0000,

0.3250


0.0000


289.4003, 0.3682,
0.3253


 0.0000, 0.0000,
0.0000

 39.7721, 0.4211,
0.3186


 39.7721, 0.4211,
0.3186


 32.8992, 0.4610,
0.3169


 48.3939, 0.3874,
0.3208


 27.6499, 0.5056,
0.3162


 58.8666, 0.3597,
0.3233


 23.8922, 0.5514,
0.3169

 71.2914, 0.3375,
0.3257

 21.4704, 0.5922,
0.3195

 85.7606, 0.3196,
0.3280

 20.1945, 0.6217,
0.3235

 98.5142, 0.3078,
0.3290

■ 19.8335, 0.6321,
0.3256

Harmonies

Analogous

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



39.7721, 0.3647, 0.2739



39.7721, 0.4211, 0.3186



39.7721, 0.4442, 0.3685

Triad

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



39.7721, 0.4211, 0.3186



39.7721, 0.3169, 0.4421



39.7721, 0.2062, 0.2351

Complementary

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



39.7721, 0.4211, 0.3186



77.9582, 0.2572, 0.3405

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.



39.7721, 0.1968, 0.2679



39.7721, 0.4211, 0.3186



39.7721, 0.2563, 0.3942

Square

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



39.7721, 0.4211, 0.3186



39.7721, 0.3797, 0.4466



39.7721, 0.2137, 0.3256



39.7721, 0.2407, 0.2274

Rectangle

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



39.7721, 0.4211, 0.3186



39.7721, 0.4370, 0.4009



39.7721, 0.2137, 0.3256



39.7721, 0.2002, 0.2431

Sweetspot

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



39.7741, 0.4211, 0.3186



78.8509, 0.3345, 0.3261



42.4430, 0.3081, 0.2168



16.1897, 0.3389, 0.3255



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.



39.7741, 0.4211, 0.3186



36.3250, 0.4549, 0.3171



54.6311, 0.4093, 0.3765



16.5069, 0.3279, 0.3269



10.4979, 0.6300, 0.3244



0.9308, 0.6082, 0.3124

Inverse Universe

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



39.7741, 0.4211, 0.3186



36.3250, 0.4549, 0.3171



54.7487, 0.2433, 0.2748



16.5069, 0.3279, 0.3269



10.4979, 0.6300, 0.3244



0.9308, 0.6082, 0.3124

Previews

White Background



This preview shows how the Yxy color 39.7721, 0.4211, 0.3186 looks on a white background.

Color Contrast Check

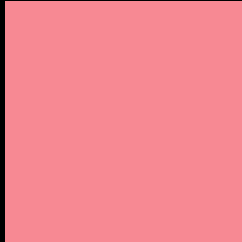
Large Text (above 18pt) WCAG AA × Fail

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 39.7721, 0.4211, 0.3186 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 39.7721, 0.4211, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 39.7721, 0.4211, 0.3186.



This preview shows how white text looks on a background with the Yxy color 39.7721, 0.4211, 0.3186.

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

39.7721, 0.4211, 0.3186

Protanopia

40.0549, 0.3216, 0.3359

Deuteranopia

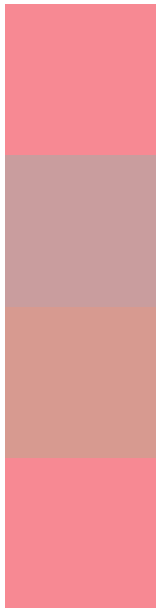
39.8831, 0.3645, 0.3568



Tritanopia

39.7721, 0.4211, 0.3186

Trichromacy



Original Color

39.7721, 0.4211, 0.3186

Protanomaly

39.0001, 0.3557, 0.3278

Deuteranomaly

39.5719, 0.3851, 0.3416

Tritanomaly

39.7721, 0.4211, 0.3186

Monochromacy



Original Color

39.7721, 0.4211, 0.3186

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5470, 0.3493, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7721, 0.4211, 0.3186 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(247, 137, 147)` looks like.

```
.text, #text, p{  
    color:rgb(247, 137, 147)  
}
```

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(247, 137, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 137, 147) }
```

Border

The CSS property to change the border of an element to Yxy 39.7721, 0.4211, 0.3186 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(247, 137, 147) }
```

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

```
.border{ border-color:rgb(247, 137, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 137, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 137, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 137, 147);  
box-shadow:4px 4px 4px 4px rgb(247, 137,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7721, 0.4211, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 137, 147) }
```

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

```
.background{ background-color: rgb(247,  
137, 147) }
```

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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