

Converting Colors

$Y_{xy}(109.0032, 0.5217, 0.3563)$

Have a look what the booklet for
Yxy(109.0032, 0.5217, 0.3563)
contains.

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Color

Yxy(59.9804, 0.4092, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE8C
RGB	255, 190, 140
RGB Percent	100%, 75%, 55%
CMY	0.0000, 0.2549, 0.4511
CMYK	0.00, 0.25, 0.45, 0.00
HSL	26°, 100%, 77%
HSV	26°, 45%, 100%
XYZ	64.3861, 59.9804, 32.9798
YIQ	203.7350, 54.7900, -1.7700

Conversions

Conversions Part 2

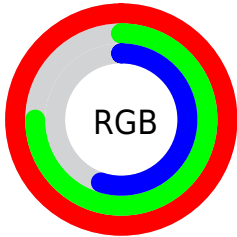
Format	Color
R_{YB}	255, 228, 140
Decimal	16760460
CIE _{Lab}	81.83, 17.45, 34.35
CIE _{LCh}	82, 38.533, 63.065
Yxy	59.9804, 0.4092, 0.3812
Android (android.graphics.Color)	4294950540 (0xFFFFBE8C)
YUV	203.7350, -31.4214, 44.9594
Hunter-Lab	77.4470, 12.8649, 28.9651

Details

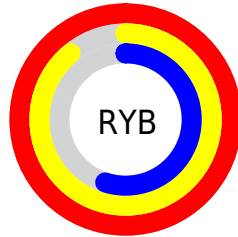
The Yxy color **59.9804, 0.4092, 0.3812** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.4336, 0.2414, 0.2688**, and the grayscale version is **60.3829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0666, 0.3509, 0.3807**, and **30.3484, 0.4330, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **53.3797, 0.4382, 0.3915**, and if you desaturate by 10%, it is **67.3764, 0.3827, 0.3696**.

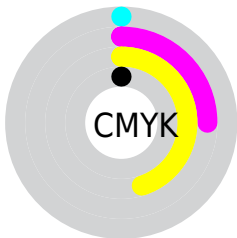
Distribution



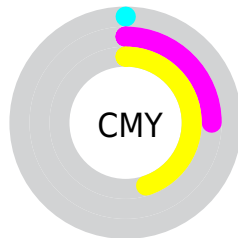
- Red (100%)
- Green (75%)
- Blue (55%)



- Red (100%)
- Yellow (89%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9804, 0.4092, 0.3812 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 59.9804, 0.4092, 0.3812 by changing the saturation by 10% instead.


 59.9804, 0.4092,
0.3812


 59.9804, 0.4092,
0.3812

424.5255, 0.3630,
0.3583

 43.4028, 0.4199,
0.3859


 104.8012, 0.3930,
0.3736

 30.2013, 0.4331,
0.3914


 133.8133, 0.3868,
0.3706

 19.9914, 0.4498,
0.3977

 167.7390, 0.3814,
0.3679

 12.3888, 0.4712,
0.4047

206.9627, 0.3767,
0.3655

 7.0091, 0.4993,
0.4117

251.8688, 0.3727,
0.3634

 3.4678, 0.5474,
0.4245

302.8417, 0.3691,

 1.3805, 0.5883,

0.3615

0.4117

360.2658, 0.3659,
0.3598

0.2023, 0.7535,
0.2465

0.0000, 0.0000,
0.0000

59.9804, 0.4092,
0.3812

59.9804, 0.4092,
0.3812

53.3797, 0.4382,
0.3915

67.3764, 0.3827,
0.3696

47.5382, 0.4689,
0.3994

75.5896, 0.3592,
0.3576

42.4253, 0.4997,
0.4034

84.6487, 0.3386,
0.3458

38.0055, 0.5283,
0.4025

94.5788, 0.3208,
0.3345

■ 34.2383, 0.5526,
0.3959

100.0000, 0.3127,
0.3290

■ 32.6141, 0.5629,
0.3913

Harmonies

Analogous

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



59.9804, 0.4067, 0.3429



59.9804, 0.4092, 0.3812



59.9804, 0.3843, 0.4103

Triad

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



59.9804, 0.4092, 0.3812



59.9804, 0.2509, 0.3518



59.9804, 0.2790, 0.2537

Complementary

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



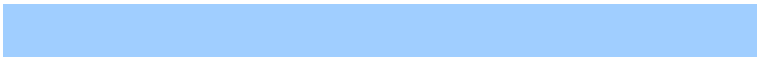
59.9804, 0.4092, 0.3812



56.4336, 0.2414, 0.2688

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.



59.9804, 0.2422, 0.2512



59.9804, 0.4092, 0.3812



59.9804, 0.2270, 0.3033

Square

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



59.9804, 0.4092, 0.3812



59.9804, 0.2922, 0.3966



59.9804, 0.2241, 0.2677



59.9804, 0.3280, 0.2728

Rectangle

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



59.9804, 0.4092, 0.3812



59.9804, 0.3567, 0.4187



59.9804, 0.2241, 0.2677



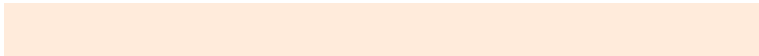
59.9804, 0.2650, 0.2509

Sweetspot

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



59.9824, 0.4092, 0.3812



85.7099, 0.3365, 0.3445



44.4204, 0.3643, 0.2625



17.9070, 0.3407, 0.3470



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.



59.9824, 0.4092, 0.3812



54.0761, 0.4349, 0.3905



89.8764, 0.3829, 0.4338



19.2870, 0.3283, 0.3394



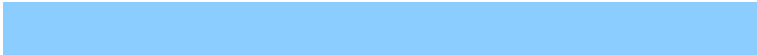
17.3258, 0.5600, 0.3935



1.8995, 0.5402, 0.4093

Inverse Universe

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



56.4336, 0.2414, 0.2688



50.0962, 0.2283, 0.2543



33.8568, 0.2286, 0.1965



19.0809, 0.2979, 0.3184



14.5085, 0.1832, 0.1796



1.6301, 0.1884, 0.1982

Previews

White Background



This preview shows how the Yxy color 59.9804, 0.4092, 0.3812 looks on a white background.

Color Contrast Check

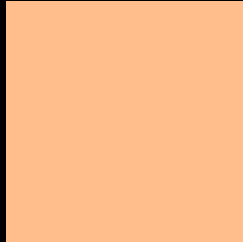
Large Text (above 18pt) WCAG AA × Fail

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 59.9804, 0.4092, 0.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

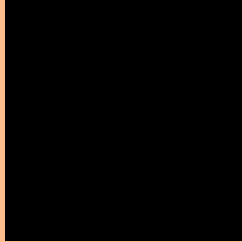
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9804, 0.4092, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 59.9804, 0.4092, 0.3812.



This preview shows how white text looks on a background with the Yxy color 59.9804, 0.4092, 0.3812.

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

59.9804, 0.4092, 0.3812

Protanopia

60.3211, 0.3679, 0.3963

Deuteranopia

60.1274, 0.3982, 0.3894



Tritanopia

59.9891, 0.3625, 0.3167

Trichromacy



Original Color

59.9804, 0.4092, 0.3812

Protanomaly

60.0163, 0.3823, 0.3907

Deuteranomaly

59.9605, 0.4026, 0.3866

Tritanomaly

59.9352, 0.3800, 0.3407

Monochromacy



Original Color

59.9804, 0.4092, 0.3812

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8710, 0.3457, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9804, 0.4092, 0.3812 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(255, 190, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 140)  
}
```

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(255, 190, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 140) }
```

Border

The CSS property to change the border of an element to Yxy 59.9804, 0.4092, 0.3812 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(255, 190, 140) }
```

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

```
.border{ border-color:rgb(255, 190, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9804, 0.4092, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 140) }
```

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

```
.background{ background-color: rgb(255,  
190, 140) }
```

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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