

Converting Colors

$Yxy(59.9926, 0.3813, 0.3573)$

Have a look what the booklet for
Yxy(59.9926, 0.3813, 0.3573)
contains.

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Color

Yxy(59.7524, 0.3812, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	F7BFA5
RGB	247, 191, 165
RGB Percent	97%, 75%, 65%
CMY	0.0315, 0.2509, 0.3530
CMYK	0.00, 0.23, 0.33, 0.03
HSL	19°, 84%, 81%
HSV	19°, 33%, 97%
XYZ	63.7671, 59.7524, 43.7604
YIQ	204.7800, 41.7220, 3.7860

Conversions

Conversions Part 2

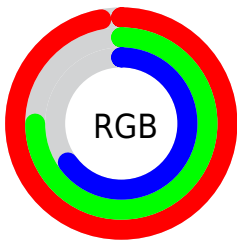
Format	Color
RYB	247, 203, 165
Decimal	16236453
CIELab	81.70, 16.58, 20.86
CIELCh	82, 26.645, 51.525
Yxy	59.7524, 0.3812, 0.3572
Android (android.graphics.Color)	4294426533 (0xFFFF7BFA5)
YUV	204.7800, -19.6115, 37.0269
Hunter-Lab	77.2997, 11.9763, 20.5449

Details

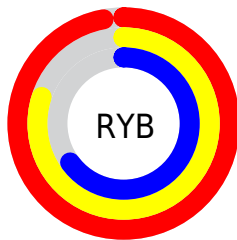
The Yxy color **59.7524, 0.3812, 0.3572** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.3763, 0.2616, 0.2987**, and the grayscale version is **61.0097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9488, 0.3344, 0.3556**, and **29.9024, 0.3991, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **52.0086, 0.4099, 0.3658**, and if you desaturate by 10%, it is **68.5210, 0.3565, 0.3483**.

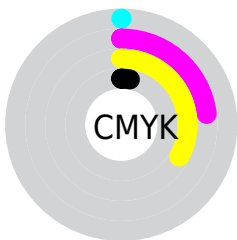
Distribution



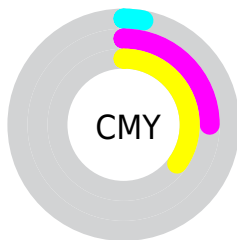
- Red (97%)
- Green (75%)
- Blue (65%)



- Red (97%)
- Yellow (80%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (3%)




- Cyan (3%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7524, 0.3812, 0.3572 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 59.7524, 0.3812, 0.3572 by changing the saturation by 10% instead.


 59.7524, 0.3812,
0.3572

 59.7524, 0.3812,
0.3572


423.6845, 0.3481,
0.3446

 43.2191, 0.3891,
0.3599

 104.4704, 0.3695,
0.3530

 30.0571, 0.3989,
0.3631


 133.4239, 0.3650,
0.3513

 19.8819, 0.4117,
0.3670


167.2862, 0.3611,
0.3498

 12.3092, 0.4286,
0.3716

206.4418, 0.3578,
0.3485

 6.9546, 0.4522,
0.3771

251.2751, 0.3549,
0.3474

 3.4337, 0.4868,
0.3827

302.1703, 0.3524,

 1.3622, 0.5840,

0.3464

0.4160

359.5120, 0.3501,
0.3455

0.1886, 0.7559,
0.2441

0.0000, 0.0000,
0.0000

59.7524, 0.3812,
0.3572

59.7524, 0.3812,
0.3572

52.0086, 0.4099,
0.3658

68.5210, 0.3565,
0.3483

45.2425, 0.4424,
0.3735

78.3422, 0.3355,
0.3397

39.4159, 0.4778,
0.3792

89.2535, 0.3178,
0.3315

34.4843, 0.5145,
0.3816

98.5061, 0.3078,
0.3290

■ 30.3992, 0.5493,
0.3796

■ 27.1065, 0.5787,
0.3727

■ 25.2808, 0.5948,
0.3659

Harmonies

Analogous

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



59.7524, 0.3714, 0.3291



59.7524, 0.3812, 0.3572



59.7524, 0.3715, 0.3801

Triad

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



59.7524, 0.3812, 0.3572



59.7524, 0.2799, 0.3575



59.7524, 0.2781, 0.2731

Complementary

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



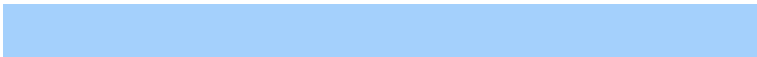
59.7524, 0.3812, 0.3572



66.3763, 0.2616, 0.2987

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.



59.7524, 0.2561, 0.2772



59.7524, 0.3812, 0.3572



59.7524, 0.2571, 0.3245

Square

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



59.7524, 0.3812, 0.3572



59.7524, 0.3122, 0.3825



59.7524, 0.2487, 0.2952



59.7524, 0.3102, 0.2823

Rectangle

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



59.7524, 0.3812, 0.3572



59.7524, 0.3557, 0.3888



59.7524, 0.2487, 0.2952



59.7524, 0.2693, 0.2729

Sweetspot

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



59.7552, 0.3812, 0.3572



87.8625, 0.3295, 0.3370



51.8902, 0.3382, 0.2706



18.4616, 0.3321, 0.3382



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.



59.7552, 0.3812, 0.3572



58.4284, 0.4005, 0.3632



80.1544, 0.3675, 0.3982



17.3418, 0.3286, 0.3366



13.6005, 0.5918, 0.3683



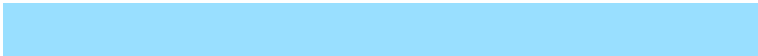
1.3726, 0.5675, 0.3876

Inverse Universe

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



66.3763, 0.2616, 0.2987



66.5504, 0.2516, 0.2913



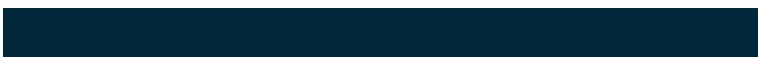
47.3568, 0.2552, 0.2486



17.8179, 0.2980, 0.3213



18.7322, 0.1949, 0.2217



1.8308, 0.1991, 0.2368

Previews

White Background



This preview shows how the Yxy color 59.7524, 0.3812, 0.3572 looks on a white background.

Color Contrast Check

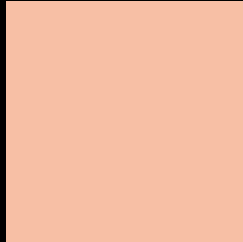
Large Text (above 18pt) WCAG AA × Fail

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 59.7524, 0.3812, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

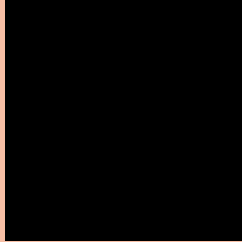
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7524, 0.3812, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 59.7524, 0.3812, 0.3572.



This preview shows how white text looks on a background with the Yxy color 59.7524, 0.3812, 0.3572.

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

59.7524, 0.3812, 0.3572

Protanopia

59.9483, 0.3452, 0.3666

Deuteranopia

59.7151, 0.3722, 0.3635



Tritanopia

59.7972, 0.3563, 0.3144

Trichromacy



Original Color

59.7524, 0.3812, 0.3572

Protanomaly

59.8802, 0.3577, 0.3633

Deuteranomaly

59.9647, 0.3759, 0.3620

Tritanomaly

59.8783, 0.3661, 0.3302

Monochromacy



Original Color

59.7524, 0.3812, 0.3572

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2419, 0.3361, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7524, 0.3812, 0.3572 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, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(247, 191, 165)  
}
```

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, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 191, 165) }
```

Border

The CSS property to change the border of an element to Yxy 59.7524, 0.3812, 0.3572 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, 191, 165) }
```

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

```
.border{ border-color:rgb(247, 191, 165) }
```

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

Here you see how a box with a 4 pixel rgb(247, 191, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 191, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 191, 165);  
box-shadow:4px 4px 4px 4px rgb(247, 191,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7524, 0.3812, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 191, 165) }
```

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

```
.background{ background-color: rgb(247,  
191, 165) }
```

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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