

Converting Colors

$Y_{xy}(63.1976, 0.3904, 0.3714)$

Have a look what the booklet for
Yxy(63.1976, 0.3904, 0.3714)
contains.

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Color

Yxy(63.2495, 0.3906, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	FDC59D
RGB	253, 197, 157
RGB Percent	99%, 77%, 62%
CMY	0.0079, 0.2274, 0.3844
CMYK	0.00, 0.22, 0.38, 0.01
HSL	25°, 96%, 80%
HSV	25°, 38%, 99%
XYZ	66.5551, 63.2495, 40.5874
YIQ	209.1840, 46.2160, -0.5680

Conversions

Conversions Part 2

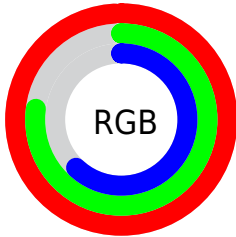
Format	Color
R _Y B	253, 226, 157
Decimal	16631197
CIE Lab	83.57, 14.81, 27.74
CIE LCh	84, 31.445, 61.911
Yxy	63.2495, 0.3906, 0.3712
Android (android.graphics.Color)	4294821277 (0xFFFD C59D)
YUV	209.1840, -25.7267, 38.4266
Hunter-Lab	79.5296, 10.2028, 25.4124

Details

The Yxy color **63.2495, 0.3906, 0.3712** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.8205, 0.2528, 0.2821**, and the grayscale version is **64.0356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8971, 0.3383, 0.3701**, and **32.2669, 0.4108, 0.3801** is the 20% darker color. If you saturate the color by 10%, you get **56.1018, 0.4183, 0.3821**, and if you desaturate by 10%, it is **71.2375, 0.3659, 0.3597**.

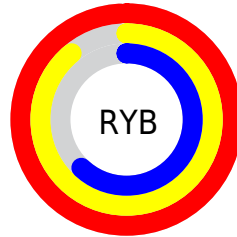
Distribution



Red (99%)

Green (77%)

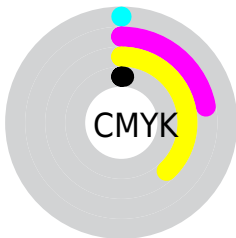
Blue (62%)



Red (99%)

Yellow (89%)

Blue (62%)

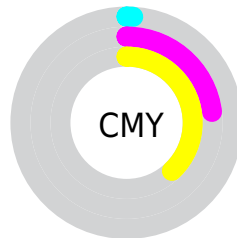


Cyan (0%)

Magenta (22%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (23%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2495, 0.3906, 0.3712 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 63.2495, 0.3906, 0.3712 by changing the saturation by 10% instead.


 63.2495, 0.3906,
0.3712


 63.2495, 0.3906,
0.3712


436.4744, 0.3535,
0.3524

 46.0431, 0.3992,
0.3752


 109.5294, 0.3776,
0.3649

 32.2798, 0.4100,
0.3800


 139.3716, 0.3725,
0.3624

 21.5753, 0.4236,
0.3857

174.1946, 0.3682,
0.3602

 13.5452, 0.4413,
0.3925

214.3827, 0.3645,
0.3582

 7.8050, 0.4653,
0.4004

260.3204, 0.3612,
0.3565

 3.9704, 0.4985,
0.4086

312.3920, 0.3584,

 1.6570, 0.5693,

0.3550

0.4307

370.9818, 0.3558,
0.3537

0.3956, 0.6508,
0.3492

0.0000, 0.0000,
0.0000

63.2495, 0.3906,
0.3712

63.2495, 0.3906,
0.3712

56.1018, 0.4183,
0.3821

71.2375, 0.3659,
0.3597

49.7555, 0.4487,
0.3914

80.0849, 0.3443,
0.3483

44.1816, 0.4804,
0.3979

89.8214, 0.3257,
0.3373

39.3456, 0.5117,
0.4002

99.6204, 0.3115,
0.3290

■ 35.2091, 0.5402,
0.3974

■ 31.7266, 0.5636,
0.3892

■ 31.0851, 0.5680,
0.3872

Harmonies

Analogous

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



63.2495, 0.3873, 0.3400



63.2495, 0.3906, 0.3712



63.2495, 0.3719, 0.3941

Triad

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



63.2495, 0.3906, 0.3712



63.2495, 0.2640, 0.3490



63.2495, 0.2844, 0.2670

Complementary

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



63.2495, 0.3906, 0.3712



61.8205, 0.2528, 0.2821

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.



63.2495, 0.2546, 0.2659



63.2495, 0.3906, 0.3712



63.2495, 0.2434, 0.3105

Square

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



63.2495, 0.3906, 0.3712



63.2495, 0.2982, 0.3834



63.2495, 0.2402, 0.2807



63.2495, 0.3238, 0.2823

Rectangle

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



63.2495, 0.3906, 0.3712



63.2495, 0.3502, 0.4004



63.2495, 0.2402, 0.2807



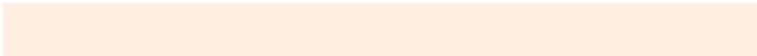
63.2495, 0.2731, 0.2650

Sweetspot

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



63.2525, 0.3906, 0.3712



88.3298, 0.3311, 0.3406



49.7895, 0.3518, 0.2713



18.6150, 0.3335, 0.3421



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.



63.2525, 0.3906, 0.3712



58.4636, 0.4128, 0.3801



88.6109, 0.3726, 0.4167



19.2316, 0.3284, 0.3390



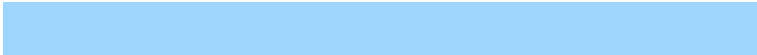
16.8099, 0.5652, 0.3894



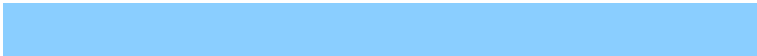
1.8465, 0.5448, 0.4056

Inverse Universe

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



61.8205, 0.2528, 0.2821



56.7815, 0.2405, 0.2701



41.1588, 0.2440, 0.2228



19.1374, 0.2979, 0.3188



15.2505, 0.1850, 0.1860



1.7008, 0.1900, 0.2038

Previews

White Background



This preview shows how the Yxy color 63.2495, 0.3906, 0.3712 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 63.2495, 0.3906, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

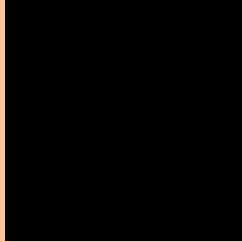
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2495, 0.3906, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 63.2495, 0.3906, 0.3712.



This preview shows how white text looks on a background with the Yxy color 63.2495, 0.3906, 0.3712.

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

63.2495, 0.3906, 0.3712

Protanopia

63.2500, 0.3572, 0.3817

Deuteranopia

63.3017, 0.3844, 0.3763



Tritanopia

63.3671, 0.3543, 0.3157

Trichromacy



Original Color

63.2495, 0.3906, 0.3712

Protanomaly

63.0474, 0.3690, 0.3780

Deuteranomaly

63.3869, 0.3873, 0.3748

Tritanomaly

63.2852, 0.3670, 0.3354

Monochromacy



Original Color

63.2495, 0.3906, 0.3712

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.3879, 0.3393, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2495, 0.3906, 0.3712 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(253, 197, 157)` looks like.

```
.text, #text, p{  
  color:rgb(253, 197, 157)  
}
```

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(253, 197, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 197, 157) }
```

Border

The CSS property to change the border of an element to Yxy 63.2495, 0.3906, 0.3712 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(253, 197, 157) }
```

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

```
.border{ border-color:rgb(253, 197, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 197, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 197, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 197, 157); box-shadow:4px 4px 4px 4px rgb(253, 197, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2495, 0.3906, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 197, 157) }
```

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

```
.background{ background-color: rgb(253,  
197, 157) }
```

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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