

Converting Colors

Yxy(62.5932, 0.3857, 0.3618)

Have a look what the booklet for
Yxy(62.5932, 0.3857, 0.3618)
contains.

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Color

Yxy(62.5932, 0.3857, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	FDC3A4
RGB	253, 195, 164
RGB Percent	99%, 76%, 64%
CMY	0.0078, 0.2353, 0.3569
CMYK	0.00, 0.23, 0.35, 0.01
HSL	21°, 96%, 82%
HSV	21°, 35%, 99%
XYZ	66.7280, 62.5932, 43.6838
YIQ	208.8080, 44.5190, 2.6550

Conversions

Conversions Part 2

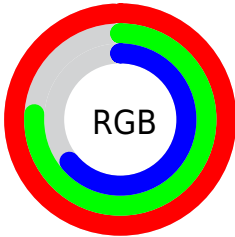
Format	Color
RYB	253, 212, 164
Decimal	16630692
CIELab	83.23, 16.68, 23.57
CIElCh	83, 28.878, 54.720
Yxy	62.5932, 0.3857, 0.3618
Android (android.graphics.Color)	4294820772 (0xFFFDC3A4)
YUV	208.8080, -22.0903, 38.7564
Hunter-Lab	79.1159, 12.0980, 22.6442

Details

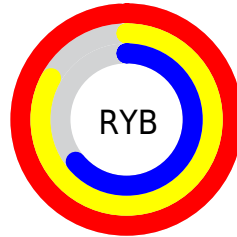
The Yxy color **62.5932, 0.3857, 0.3618** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.2340, 0.2581, 0.2933**, and the grayscale version is **63.7559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9953, 0.3344, 0.3613**, and **31.8217, 0.4045, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **54.7852, 0.4144, 0.3711**, and if you desaturate by 10%, it is **71.4050, 0.3607, 0.3521**.

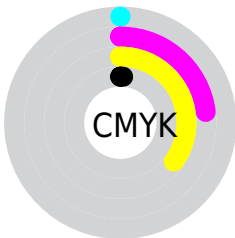
Distribution



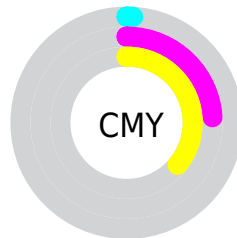
- Red (99%)
- Green (76%)
- Blue (64%)



- Red (99%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (1%)





- Cyan (1%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5932, 0.3857, 0.3618 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 62.5932, 0.3857, 0.3618 by changing the saturation by 10% instead.


 62.5932, 0.3857,
0.3618

 62.5932, 0.3857,
0.3618

434.0916, 0.3508,
0.3473

 45.5122, 0.3939,
0.3649


 108.5824, 0.3734,
0.3569

 31.8611, 0.4042,
0.3685


 138.2594, 0.3686,
0.3550

 21.2554, 0.4173,
0.3729


172.9038, 0.3646,
0.3533

 13.3108, 0.4345,
0.3781

212.9001, 0.3611,
0.3518

 7.6429, 0.4582,
0.3842

258.6327, 0.3580,
0.3505

 3.8673, 0.4921,
0.3904

310.4858, 0.3553,

 1.5996, 0.5799,

0.3493

0.4201

368.8440, 0.3529,
0.3482

0.3573, 0.6764,
0.3236

0.0000, 0.0000,
0.0000

62.5932, 0.3857,
0.3618

62.5932, 0.3857,
0.3618

54.7852, 0.4144,
0.3711

71.4050, 0.3607,
0.3521

47.9349, 0.4466,
0.3793

81.2468, 0.3393,
0.3426

42.0054, 0.4811,
0.3851

92.1549, 0.3210,
0.3335

36.9538, 0.5162,
0.3873

99.6258, 0.3115,
0.3290

■ 32.7330, 0.5490,
0.3847

■ 29.2900, 0.5761,
0.3769

■ 27.8852, 0.5872,
0.3720

Harmonies

Analogous

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



62.5932, 0.3775, 0.3322



62.5932, 0.3857, 0.3618



62.5932, 0.3731, 0.3853

Triad

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



62.5932, 0.3857, 0.3618



62.5932, 0.2745, 0.3558



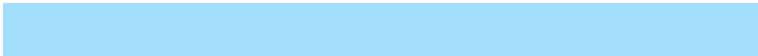
62.5932, 0.2790, 0.2700

Complementary

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



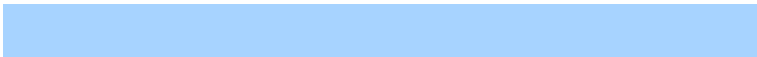
62.5932, 0.3857, 0.3618



67.2340, 0.2581, 0.2933

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.



62.5932, 0.2543, 0.2726



62.5932, 0.3857, 0.3618



62.5932, 0.2518, 0.3203

Square

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



62.5932, 0.3857, 0.3618



62.5932, 0.3081, 0.3843



62.5932, 0.2447, 0.2901



62.5932, 0.3140, 0.2812

Rectangle

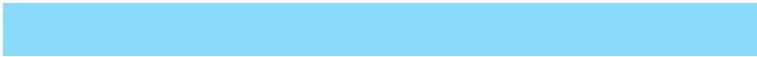
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.5932, 0.3857, 0.3618



62.5932, 0.3552, 0.3937



62.5932, 0.2447, 0.2901



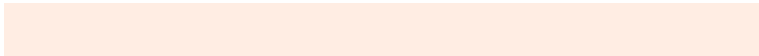
62.5932, 0.2693, 0.2692

Sweetspot

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



62.5962, 0.3857, 0.3618



87.2093, 0.3313, 0.3387



52.7813, 0.3415, 0.2684



18.3488, 0.3338, 0.3399



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.



62.5962, 0.3857, 0.3618



58.1771, 0.4049, 0.3683



84.8198, 0.3706, 0.4038



19.0216, 0.3286, 0.3373



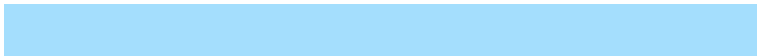
15.0768, 0.5842, 0.3743



1.6632, 0.5625, 0.3916

Inverse Universe

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



67.2340, 0.2581, 0.2933



63.4934, 0.2481, 0.2851



47.1580, 0.2510, 0.2409



19.3539, 0.2980, 0.3205



18.3491, 0.1918, 0.2105



1.9913, 0.1960, 0.2256

Previews

White Background



This preview shows how the Yxy color 62.5932, 0.3857, 0.3618 looks on a white background.

Color Contrast Check

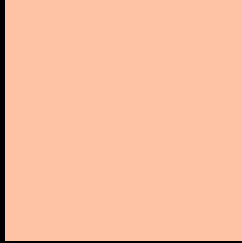
Large Text (above 18pt) WCAG AA × Fail

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 62.5932, 0.3857, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

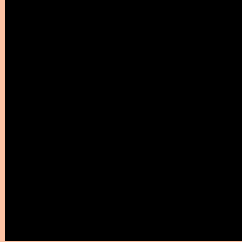
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5932, 0.3857, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 62.5932, 0.3857, 0.3618.



This preview shows how white text looks on a background with the Yxy color 62.5932, 0.3857, 0.3618.

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

62.5932, 0.3857, 0.3618

Protanopia

62.7436, 0.3499, 0.3716

Deuteranopia

62.5459, 0.3767, 0.3682



Tritanopia

62.4465, 0.3555, 0.3147

Trichromacy



Original Color

62.5932, 0.3857, 0.3618

Protanomaly

62.6948, 0.3623, 0.3682

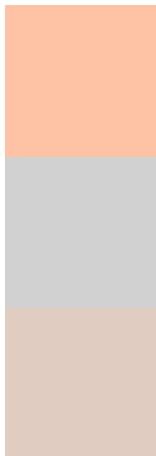
Deuteranomaly

62.8067, 0.3804, 0.3666

Tritanomaly

62.4442, 0.3667, 0.3323

Monochromacy



Original Color

62.5932, 0.3857, 0.3618

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0435, 0.3372, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5932, 0.3857, 0.3618 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, 195, 164)` looks like.

```
.text, #text, p{  
    color:rgb(253, 195, 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(253, 195, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 195, 164) }
```

Border

The CSS property to change the border of an element to Yxy 62.5932, 0.3857, 0.3618 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, 195, 164) }
```

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

```
.border{ border-color:rgb(253, 195, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 195, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 195, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 195, 164);  
box-shadow:4px 4px 4px 4px rgb(253, 195,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5932, 0.3857, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 195, 164) }
```

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

```
.background{ background-color: rgb(253,  
195, 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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