

Converting Colors

Yxy(62.9720, 0.3710, 0.3653)

Have a look what the booklet for
Yxy(62.9720, 0.3710, 0.3653)
contains.

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Color

Yxy(62.7993, 0.3715, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	F1C8A7
RGB	241, 200, 167
RGB Percent	95%, 78%, 65%
CMY	0.0550, 0.2156, 0.3451
CMYK	0.00, 0.17, 0.31, 0.05
HSL	27°, 73%, 80%
HSV	27°, 31%, 95%
XYZ	63.9001, 62.7993, 45.3063
YIQ	208.4970, 35.0290, -1.5710

Conversions

Conversions Part 2

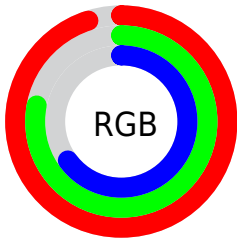
Format	Color
R _Y B	241, 227, 167
Decimal	15845543
CIE Lab	83.34, 9.84, 21.96
CIE LCh	83, 24.062, 65.857
Yxy	62.7993, 0.3715, 0.3651
Android (android.graphics.Color)	4294035623 (0xFFFF1C8A7)
YUV	208.4970, -20.4580, 28.5051
Hunter-Lab	79.2460, 5.2532, 21.5751

Details

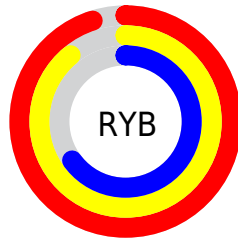
The Yxy color **62.7993, 0.3715, 0.3651** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.6568, 0.2640, 0.2898**, and the grayscale version is **63.5347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **31.9859, 0.3864, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **56.0785, 0.3963, 0.3772**, and if you desaturate by 10%, it is **70.2315, 0.3495, 0.3529**.

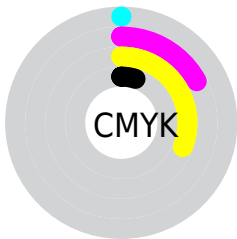
Distribution



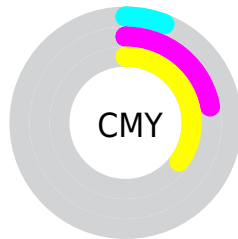
- Red (95%)
- Green (78%)
- Blue (65%)



- Red (95%)
- Yellow (89%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (31%)
- Black (5%)




- Cyan (6%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7993, 0.3715, 0.3651 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 62.7993, 0.3715, 0.3651 by changing the saturation by 10% instead.


 62.7993, 0.3715,
0.3651

 62.7993, 0.3715,
0.3651


434.8407, 0.3434,
0.3486

 45.6789, 0.3781,
0.3688

 108.8799, 0.3616,
0.3594

 31.9925, 0.3863,
0.3733


 138.6089, 0.3578,
0.3572

 21.3558, 0.3968,
0.3788


173.3095, 0.3546,
0.3553

 13.3843, 0.4107,
0.3858

213.3661, 0.3517,
0.3536

 7.6937, 0.4297,
0.3948

259.1631, 0.3493,
0.3521

 3.8996, 0.4572,
0.4061

311.0850, 0.3471,

 1.6176, 0.5325,

0.3508

0.4474

369.5161, 0.3452,
0.3496

0.3694, 0.6155,
0.3845

0.0000, 0.0000,
0.0000

62.7993, 0.3715,
0.3651

62.7993, 0.3715,
0.3651

56.0785, 0.3963,
0.3772

70.2315, 0.3495,
0.3529

50.0373, 0.4239,
0.3885

78.3880, 0.3304,
0.3410

44.6543, 0.4534,
0.3979

87.2925, 0.3138,
0.3298

39.9032, 0.4838,
0.4041

96.4131, 0.3042,
0.3274

■ 35.7554, 0.5130,
0.4058

■ 97.4382, 0.3041,
0.3290

■ 32.1790, 0.5389,
0.4021

■ 29.3287, 0.5591,
0.3943

Harmonies

Analogous

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



62.7993, 0.3710, 0.3415



62.7993, 0.3715, 0.3651



62.7993, 0.3556, 0.3806

Triad

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



62.7993, 0.3715, 0.3651



62.7993, 0.2724, 0.3406



62.7993, 0.2949, 0.2815

Complementary

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



62.7993, 0.3715, 0.3651



59.6568, 0.2640, 0.2898

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.



62.7993, 0.2702, 0.2794



62.7993, 0.3715, 0.3651



62.7993, 0.2577, 0.3118

Square

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



62.7993, 0.3715, 0.3651



62.7993, 0.2980, 0.3672



62.7993, 0.2569, 0.2899



62.7993, 0.3256, 0.2948

Rectangle

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



62.7993, 0.3715, 0.3651



62.7993, 0.3383, 0.3834



62.7993, 0.2569, 0.2899



62.7993, 0.2856, 0.2795

Sweetspot

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



62.8022, 0.3715, 0.3651



90.7675, 0.3274, 0.3391



50.9308, 0.3433, 0.2839



19.1226, 0.3300, 0.3407



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.



62.8022, 0.3715, 0.3651



66.4185, 0.3871, 0.3729



81.5086, 0.3605, 0.4011



16.9202, 0.3282, 0.3396



16.1665, 0.5563, 0.3965



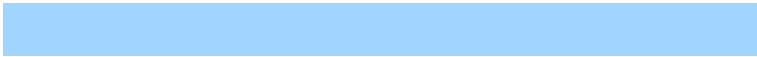
1.5405, 0.5338, 0.4143

Inverse Universe

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



59.6568, 0.2640, 0.2898



62.2950, 0.2538, 0.2801



44.0394, 0.2588, 0.2449



16.6801, 0.2980, 0.3182



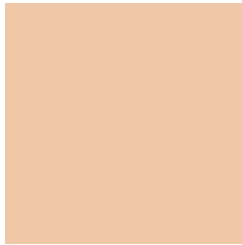
12.8800, 0.1823, 0.1762



1.2698, 0.1883, 0.1980

Previews

White Background



This preview shows how the Yxy color 62.7993, 0.3715, 0.3651 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 62.7993, 0.3715, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

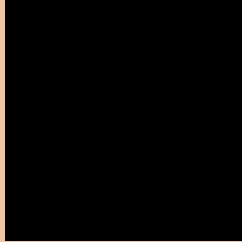
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7993, 0.3715, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 62.7993, 0.3715, 0.3651.



This preview shows how white text looks on a background with the Yxy color 62.7993, 0.3715, 0.3651.

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

62.7993, 0.3715, 0.3651

Protanopia

62.7816, 0.3492, 0.3704

Deuteranopia

62.9758, 0.3723, 0.3650



Tritanopia

62.7799, 0.3433, 0.3133

Trichromacy



Original Color

62.7993, 0.3715, 0.3651

Protanomaly

62.5820, 0.3572, 0.3674

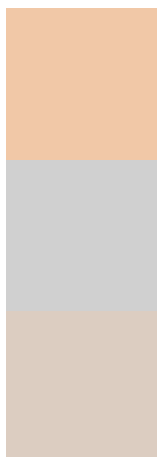
Deuteranomaly

62.9758, 0.3723, 0.3650

Tritanomaly

62.6080, 0.3534, 0.3313

Monochromacy



Original Color

62.7993, 0.3715, 0.3651

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7285, 0.3331, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7993, 0.3715, 0.3651 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(241, 200, 167)` looks like.

```
.text, #text, p{  
    color:rgb(241, 200, 167)  
}
```

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(241, 200, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 200, 167) }
```

Border

The CSS property to change the border of an element to Yxy 62.7993, 0.3715, 0.3651 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(241, 200, 167) }
```

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

```
.border{ border-color:rgb(241, 200, 167) }
```

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

Here you see how a box with a 4 pixel rgb(241, 200, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 200, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 200, 167);  
box-shadow:4px 4px 4px 4px rgb(241, 200,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7993, 0.3715, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 200, 167) }
```

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

```
.background{ background-color: rgb(241,  
200, 167) }
```

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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