

Converting Colors

Yxy(64.5838, 0.3860, 0.3963)

Have a look what the booklet for
Yxy(64.5838, 0.3860, 0.3963)
contains.

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Color

Yxy(64.6815, 0.3861, 0.3962)

Conversions

Conversions Part 1

Format	Color
Hex	F0CE90
RGB	240, 206, 144
RGB Percent	94%, 81%, 56%
CMY	0.0589, 0.1921, 0.4354
CMYK	0.00, 0.14, 0.40, 0.06
HSL	39°, 76%, 75%
HSV	39°, 40%, 94%
XYZ	63.0326, 64.6815, 35.5405
YIQ	209.0980, 40.1660, -12.0740

Conversions

Conversions Part 2

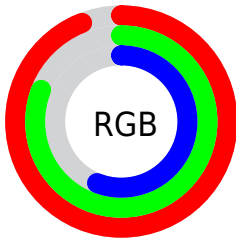
Format	Color
R_{YB}	197, 240, 144
Decimal	15781520
CIE _{Lab}	84.32, 3.61, 35.26
CIE _{LCh}	84, 35.444, 84.146
Yxy	64.6815, 0.3861, 0.3962
Android (android.graphics.Color)	4293971600 (0xFFFF0CE90)
YUV	209.0980, -32.0933, 27.1011
Hunter-Lab	80.4248, -0.8447, 30.0965

Details

The Yxy color **64.6815, 0.3861, 0.3962** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.0340, 0.2453, 0.2505**, and the grayscale version is **64.0208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **33.1919, 0.4025, 0.4111** is the 20% darker color. If you saturate the color by 10%, you get **60.0491, 0.4078, 0.4122**, and if you desaturate by 10%, it is **69.6967, 0.3654, 0.3792**.

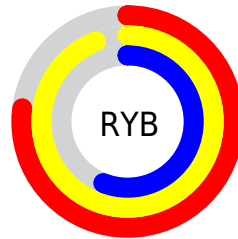
Distribution



Red (94%)

Green (81%)

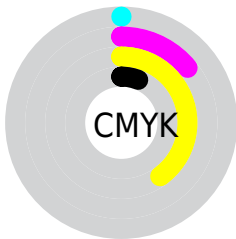
Blue (56%)



Red (77%)

Yellow (94%)

Blue (56%)

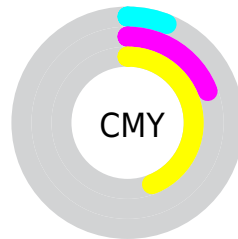


Cyan (0%)

Magenta (14%)

Yellow (40%)

Black (6%)



Cyan (6%)


Magenta (19%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6815, 0.3861, 0.3962 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 64.6815, 0.3861, 0.3962 by changing the saturation by 10% instead.


 64.6815, 0.3861,
0.3962

 64.6815, 0.3861,
0.3962


441.6465, 0.3518,
0.3653

 47.2029, 0.3938,
0.4030


 111.5918, 0.3743,
0.3856

 33.1961, 0.4033,
0.4113


 141.7923, 0.3696,
0.3815

 22.2767, 0.4150,
0.4214


177.0022, 0.3656,
0.3779

 14.0603, 0.4298,
0.4338

217.6059, 0.3622,
0.3747

 8.1626, 0.4486,
0.4491

263.9878, 0.3591,
0.3720

 4.1992, 0.4764,
0.4712

316.5322, 0.3564,

 1.7856, 0.5078,

0.3695

0.4922

375.6237, 0.3540,
0.3673

0.4782, 0.5316,
0.4684

0.0000, 0.0000,
0.0000

64.6815, 0.3861,
0.3962

64.6815, 0.3861,
0.3962

60.0491, 0.4078,
0.4122

69.6967, 0.3654,
0.3792

55.7770, 0.4297,
0.4262

75.0980, 0.3462,
0.3619


51.8535, 0.4510,
0.4369

80.9002, 0.3286,
0.3451


48.2623, 0.4704,
0.4432

87.1144, 0.3127,
0.3290

 44.9846, 0.4869,
0.4444

 93.1597, 0.3036,
0.3226

 41.9912, 0.5004,
0.4409

 97.2606, 0.3035,
0.3290

Harmonies

Analogous

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



64.6815, 0.4014, 0.3669



64.6815, 0.3861, 0.3962



64.6815, 0.3512, 0.4093

Triad

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



64.6815, 0.3861, 0.3962



64.6815, 0.2398, 0.3186



64.6815, 0.3130, 0.2715

Complementary

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



64.6815, 0.3861, 0.3962



44.0340, 0.2453, 0.2505

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.



64.6815, 0.2711, 0.2584



64.6815, 0.3861, 0.3962



64.6815, 0.2312, 0.2820

Square

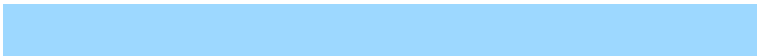
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.6815, 0.3861, 0.3962



64.6815, 0.2670, 0.3625



64.6815, 0.2422, 0.2613



64.6815, 0.3578, 0.2975

Rectangle

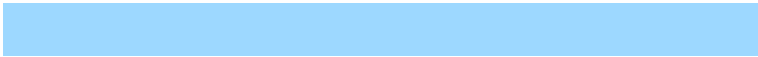
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.6815, 0.3861, 0.3962



64.6815, 0.3223, 0.4045



64.6815, 0.2422, 0.2613



64.6815, 0.2981, 0.2655

Sweetspot

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



64.6845, 0.3861, 0.3962



91.4705, 0.3320, 0.3485



41.7239, 0.3761, 0.2903



19.3886, 0.3343, 0.3507



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.



64.6845, 0.3861, 0.3962



69.8803, 0.4037, 0.4094



80.6768, 0.3633, 0.4315



17.4633, 0.3277, 0.3442



23.2521, 0.4988, 0.4422



2.1209, 0.4856, 0.4527

Inverse Universe

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



44.0340, 0.2453, 0.2505



43.1849, 0.2308, 0.2309



33.3772, 0.2477, 0.2090



16.1436, 0.2980, 0.3133



7.2185, 0.1648, 0.1133



0.7814, 0.1721, 0.1395

Previews

White Background



This preview shows how the Yxy color 64.6815, 0.3861, 0.3962 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 64.6815, 0.3861, 0.3962 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 64.6815, 0.3861, 0.3962

Background



This preview shows how black text looks on a background with the Yxy color 64.6815, 0.3861, 0.3962.



This preview shows how white text looks on a background with the Yxy color 64.6815, 0.3861, 0.3962.

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

64.6815, 0.3861, 0.3962

Protanopia

64.4994, 0.3724, 0.4009

Deuteranopia

64.3269, 0.3966, 0.3879



Tritanopia

64.5108, 0.3405, 0.3123

Trichromacy



Original Color

64.6815, 0.3861, 0.3962

Protanomaly

64.8011, 0.3776, 0.3999

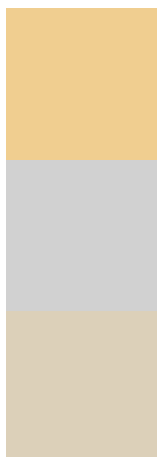
Deuteranomaly

64.5304, 0.3924, 0.3907

Tritanomaly

64.1725, 0.3573, 0.3420

Monochromacy



Original Color

64.6815, 0.3861, 0.3962

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8302, 0.3386, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6815, 0.3861, 0.3962 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(240, 206, 144)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 144)  
}
```

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(240, 206, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 144) }
```

Border

The CSS property to change the border of an element to Yxy 64.6815, 0.3861, 0.3962 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(240, 206, 144) }
```

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

```
.border{ border-color:rgb(240, 206, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 206, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 206, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 206, 144); box-shadow:4px 4px 4px 4px rgb(240, 206, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6815, 0.3861, 0.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 144) }
```

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

```
.background{ background-color: rgb(240,  
206, 144) }
```

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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