

Converting Colors

Yxy(64.0691, 0.3993, 0.4157)

Have a look what the booklet for
Yxy(64.0691, 0.3993, 0.4157)
contains.

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Color

Yxy(64.1485, 0.3997, 0.4155)

Conversions

Conversions Part 1

Format	Color
Hex	F0CE7D
RGB	240, 206, 125
RGB Percent	94%, 81%, 49%
CMY	0.0588, 0.1921, 0.5098
CMYK	0.00, 0.14, 0.48, 0.06
HSL	42°, 79%, 72%
HSV	42°, 48%, 94%
XYZ	61.7092, 64.1485, 28.5310
YIQ	206.9320, 46.2650, -17.9830

Conversions

Conversions Part 2

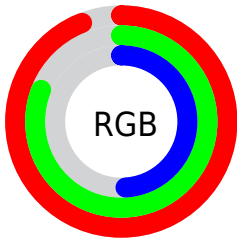
Format	Color
R _Y B	173, 240, 125
Decimal	15781501
CIE Lab	84.04, 1.73, 44.51
CIE LCh	84, 44.540, 87.770
Yxy	64.1485, 0.3997, 0.4155
Android (android.graphics.Color)	4293971581 (0xFFFF0CE7D)
YUV	206.9320, -40.3925, 29.0006
Hunter-Lab	80.0928, -2.6332, 34.9444

Details

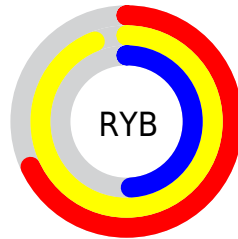
The Yxy color **64.1485, 0.3997, 0.4155** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.4479, 0.2295, 0.2224**, and the grayscale version is **62.5955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **32.8960, 0.4189, 0.4339** is the 20% darker color. If you saturate the color by 10%, you get **60.2706, 0.4198, 0.4311**, and if you desaturate by 10%, it is **68.3348, 0.3796, 0.3980**.

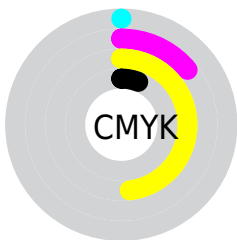
Distribution



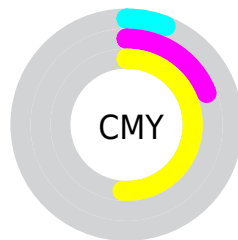
- Red (94%)
- Green (81%)
- Blue (49%)



- Red (68%)
- Yellow (94%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (48%)
- Black (6%)




- Cyan (6%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1485, 0.3997, 0.4155 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 64.1485, 0.3997, 0.4155 by changing the saturation by 10% instead.


 64.1485, 0.3997,
0.4155

 64.1485, 0.3997,
0.4155


439.7257, 0.3597,
0.3761

 46.7710, 0.4084,
0.4240


 110.8248, 0.3861,
0.4021

 32.8546, 0.4189,
0.4341


 140.8923, 0.3807,
0.3968

 22.0151, 0.4315,
0.4462


 175.9586, 0.3760,
0.3922

 13.8680, 0.4466,
0.4605

216.4081, 0.3719,
0.3882

 8.0289, 0.4642,
0.4768

262.6251, 0.3683,
0.3846

 4.1135, 0.4948,
0.5052

314.9942, 0.3651,

 1.7372, 0.4973,

0.3814

0.5027

373.8996, 0.3623,
0.3786

0.4476, 0.5110,
0.4890

0.0000, 0.0000,
0.0000

64.1485, 0.3997,
0.4155

64.1485, 0.3997,
0.4155

60.2706, 0.4198,
0.4311

68.3348, 0.3796,
0.3980

56.6793, 0.4390,
0.4436

72.8323, 0.3602,
0.3795


53.3632, 0.4563,
0.4520


77.6548, 0.3419,
0.3609


50.3056, 0.4709,
0.4555


82.8125, 0.3250,
0.3428

 47.4845, 0.4823,
0.4541

 88.3150, 0.3096,
0.3255

 46.9203, 0.4845,
0.4535

 93.2364, 0.3036,
0.3227

 97.2660, 0.3035,
0.3290

Harmonies

Analogous

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



64.1485, 0.4235, 0.3793



64.1485, 0.3997, 0.4155



64.1485, 0.3534, 0.4311

Triad

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



64.1485, 0.3997, 0.4155



64.1485, 0.2198, 0.3083



64.1485, 0.3194, 0.2614

Complementary

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



64.1485, 0.3997, 0.4155



35.4479, 0.2295, 0.2224

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.



64.1485, 0.2661, 0.2431



64.1485, 0.3997, 0.4155



64.1485, 0.2126, 0.2652

Square

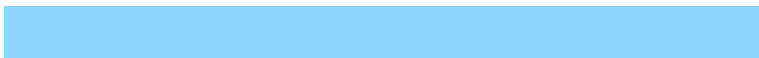
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.1485, 0.3997, 0.4155



64.1485, 0.2500, 0.3647



64.1485, 0.2287, 0.2435



64.1485, 0.3756, 0.2943

Rectangle

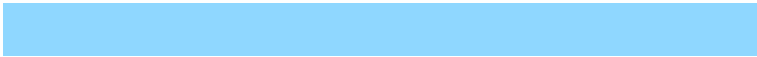
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.1485, 0.3997, 0.4155



64.1485, 0.3168, 0.4231



64.1485, 0.2287, 0.2435



64.1485, 0.3005, 0.2535

Sweetspot

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



64.1515, 0.3997, 0.4155



91.3602, 0.3352, 0.3538



35.7141, 0.4044, 0.2913



19.2846, 0.3389, 0.3578



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.



64.1515, 0.3997, 0.4155



69.0489, 0.4203, 0.4315



78.5555, 0.3664, 0.4534



17.6238, 0.3276, 0.3456



25.9261, 0.4832, 0.4545



2.3287, 0.4728, 0.4628

Inverse Universe

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



35.4479, 0.2295, 0.2224



32.4289, 0.2111, 0.1946



27.2550, 0.2377, 0.1837



15.9903, 0.2980, 0.3119



6.1083, 0.1608, 0.0988



0.6747, 0.1679, 0.1244

Previews

White Background



This preview shows how the Yxy color 64.1485, 0.3997, 0.4155 looks on a white background.

Color Contrast Check

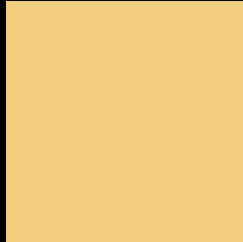
Large Text (above 18pt) WCAG AA × Fail

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 64.1485, 0.3997, 0.4155 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 64.1485, 0.3997, 0.4155

Background



This preview shows how black text looks on a background with the Yxy color 64.1485, 0.3997, 0.4155.



This preview shows how white text looks on a background with the Yxy color 64.1485, 0.3997, 0.4155.

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

64.1485, 0.3997, 0.4155

Protanopia

64.2576, 0.3879, 0.4216

Deuteranopia

63.8857, 0.4138, 0.4048



Tritanopia

64.1395, 0.3431, 0.3134

Trichromacy



Original Color

64.1485, 0.3997, 0.4155

Protanomaly

64.4309, 0.3917, 0.4195

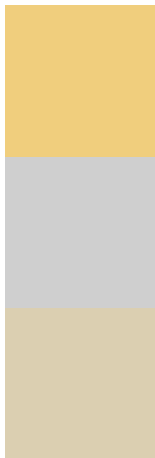
Deuteranomaly

63.8872, 0.4085, 0.4081

Tritanomaly

64.0163, 0.3645, 0.3506

Monochromacy



Original Color

64.1485, 0.3997, 0.4155

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8600, 0.3439, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1485, 0.3997, 0.4155 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 125) }
```

Border

The CSS property to change the border of an element to Yxy 64.1485, 0.3997, 0.4155 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, 125) }
```

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

```
.border{ border-color:rgb(240, 206, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 206, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 206, 125); box-shadow:4px 4px 4px 4px rgb(240, 206, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1485, 0.3997, 0.4155 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, 125) }
```

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

```
.background{ background-color: rgb(240,  
206, 125) }
```

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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