

Converting Colors

$Yxy(58.4208, 0.3730, 0.3915)$

Have a look what the booklet for
Yxy(58.4208, 0.3730, 0.3915)
contains.

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Color

Yxy(58.4208, 0.3730, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	DEC791
RGB	222, 199, 145
RGB Percent	87%, 78%, 57%
CMY	0.1294, 0.2196, 0.4313
CMYK	0.00, 0.10, 0.35, 0.13
HSL	42°, 54%, 72%
HSV	42°, 35%, 87%
XYZ	55.6602, 58.4208, 35.1420
YIQ	199.7210, 31.0420, -11.9180

Conversions

Conversions Part 2

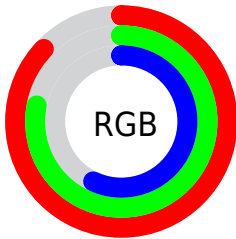
Format	Color
R_{YB}	178, 222, 145
Decimal	14600081
CIE Lab	80.97, 0.33, 30.00
CIE LCh	81, 30.006, 89.363
Yxy	58.4208, 0.3730, 0.3915
Android (android.graphics.Color)	4292790161 (0xFFDEC791)
YUV	199.7210, -26.9775, 19.5387
Hunter-Lab	76.4335, -3.7719, 26.2435

Details

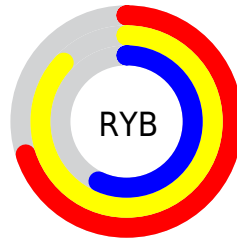
The Yxy color **58.4208, 0.3730, 0.3915** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.3111, 0.2544, 0.2572**, and the grayscale version is **57.7357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **29.1659, 0.3883, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **54.8179, 0.3929, 0.4093**, and if you desaturate by 10%, it is **62.2959, 0.3540, 0.3731**.

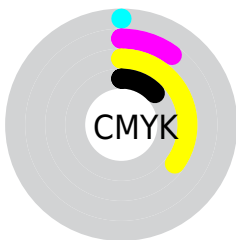
Distribution



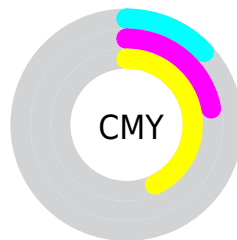
- Red (87%)
- Green (78%)
- Blue (57%)



- Red (70%)
- Yellow (87%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (13%)





- Cyan (13%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4208, 0.3730, 0.3915 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 58.4208, 0.3730, 0.3915 by changing the saturation by 10% instead.


 58.4208, 0.3730,
0.3915


 58.4208, 0.3730,
0.3915


418.7521, 0.3443,
0.3618

 42.1470, 0.3796,
0.3984


 102.5354, 0.3630,
0.3811

 29.2164, 0.3878,
0.4068


 131.1450, 0.3591,
0.3771

 19.2446, 0.3982,
0.4175


164.6354, 0.3557,
0.3736

 11.8472, 0.4115,
0.4312


203.3909, 0.3528,
0.3706

 6.6397, 0.4289,
0.4491

247.7959, 0.3503,
0.3680

 3.2378, 0.4578,
0.4786

298.2348, 0.3481,

 1.2571, 0.4894,

0.3657

0.5106

355.0921, 0.3461,
0.3637

■ 0.1076, 0.5064,
0.4936

■ 0.0000, 0.0000,
0.0000

■ 58.4208, 0.3730,
0.3915

■ 58.4208, 0.3730,
0.3915

■ 54.8179, 0.3929,
0.4093

■ 62.2959, 0.3540,
0.3731

■ 51.4697, 0.4131,
0.4256

■ 66.4440, 0.3362,
0.3547

■ 48.3686, 0.4327,
0.4392

■ 70.8762, 0.3198,
0.3370

■ 45.5030, 0.4508,
0.4490

■ 75.6001, 0.3050,
0.3202

42.8599, 0.4666,
0.4543

80.5569, 0.2923,
0.3055

40.4237, 0.4792,
0.4545

84.3653, 0.2924,
0.3124

39.1973, 0.4850,
0.4531

88.3162, 0.2926,
0.3192

92.4111, 0.2928,
0.3260

94.2696, 0.2929,
0.3289

Harmonies

Analogous

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



58.4208, 0.3896, 0.3681



58.4208, 0.3730, 0.3915



58.4208, 0.3404, 0.3988

Triad

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



58.4208, 0.3730, 0.3915



58.4208, 0.2458, 0.3139



58.4208, 0.3202, 0.2814

Complementary

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



58.4208, 0.3730, 0.3915



39.3111, 0.2544, 0.2572

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.



58.4208, 0.2821, 0.2675



58.4208, 0.3730, 0.3915



58.4208, 0.2411, 0.2837

Square

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



58.4208, 0.3730, 0.3915



58.4208, 0.2674, 0.3518



58.4208, 0.2539, 0.2678



58.4208, 0.3583, 0.3062

Rectangle

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



58.4208, 0.3730, 0.3915



58.4208, 0.3147, 0.3916



58.4208, 0.2539, 0.2678



58.4208, 0.3069, 0.2754

Sweetspot

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



58.4235, 0.3730, 0.3915



93.7002, 0.3285, 0.3465



38.6211, 0.3697, 0.3017



19.8731, 0.3308, 0.3490



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.



58.4235, 0.3730, 0.3915



76.1715, 0.3882, 0.4052



67.4965, 0.3527, 0.4188



15.3019, 0.3275, 0.3454



23.4852, 0.4838, 0.4541



1.7820, 0.4715, 0.4638

Inverse Universe

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



39.3111, 0.2544, 0.2572



46.1079, 0.2403, 0.2380



33.0511, 0.2624, 0.2288



13.9075, 0.2981, 0.3121



5.6396, 0.1611, 0.1000



0.5441, 0.1696, 0.1307

Previews

White Background



This preview shows how the Yxy color 58.4208, 0.3730, 0.3915 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 58.4208, 0.3730, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

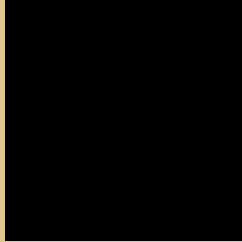
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4208, 0.3730, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 58.4208, 0.3730, 0.3915.



This preview shows how white text looks on a background with the Yxy color 58.4208, 0.3730, 0.3915.

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

58.4208, 0.3730, 0.3915

Protanopia

58.4475, 0.3664, 0.3937

Deuteranopia

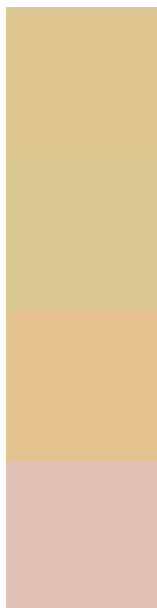
58.3924, 0.3884, 0.3811



Tritanopia

58.3758, 0.3323, 0.3124

Trichromacy



Original Color

58.4208, 0.3730, 0.3915

Protanomaly

58.2893, 0.3685, 0.3922

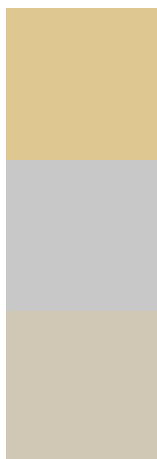
Deuteranomaly

58.2613, 0.3824, 0.3842

Tritanomaly

58.2130, 0.3469, 0.3405

Monochromacy



Original Color

58.4208, 0.3730, 0.3915

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0137, 0.3340, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4208, 0.3730, 0.3915 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(222, 199, 145)` looks like.

```
.text, #text, p{  
    color:rgb(222, 199, 145)  
}
```

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(222, 199, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 199, 145) }
```

Border

The CSS property to change the border of an element to Yxy 58.4208, 0.3730, 0.3915 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(222, 199, 145) }
```

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

```
.border{ border-color:rgb(222, 199, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 199, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 199, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 199, 145);  
box-shadow:4px 4px 4px 4px rgb(222, 199,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4208, 0.3730, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 199, 145) }
```

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

```
.background{ background-color: rgb(222,  
199, 145) }
```

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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