

Converting Colors

$Yxy(66.2295, 0.3818, 0.3914)$

Have a look what the booklet for
Yxy(66.2295, 0.3818, 0.3914)
contains.

Yxy(66.1910, 0.3825, 0.3915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.1910, 0.3825, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	F2D096
RGB	242, 208, 150
RGB Percent	95%, 82%, 59%
CMY	0.0511, 0.1842, 0.4119
CMYK	0.00, 0.14, 0.38, 0.05
HSL	38°, 78%, 77%
HSV	38°, 38%, 95%
XYZ	64.6694, 66.1910, 38.2099
YIQ	211.5540, 38.8820, -10.8300

Conversions

Conversions Part 2

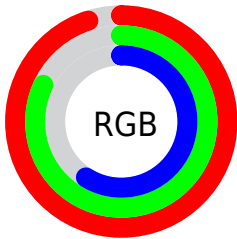
Format	Color
RYB	204, 242, 150
Decimal	15913110
CIELab	85.09, 4.02, 33.23
CIELCh	85, 33.472, 83.104
Yxy	66.1910, 0.3825, 0.3915
Android (android.graphics.Color)	4294103190 (0xFFFF2D096)
YUV	211.5540, -30.3461, 26.7011
Hunter-Lab	81.3579, -0.4910, 29.1048

Details

The Yxy color **66.1910, 0.3825, 0.3915** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.1402, 0.2491, 0.2569**, and the grayscale version is **65.7112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **34.1834, 0.3987, 0.4065** is the 20% darker color. If you saturate the color by 10%, you get **61.2604, 0.4044, 0.4075**, and if you desaturate by 10%, it is **71.5339, 0.3618, 0.3747**.

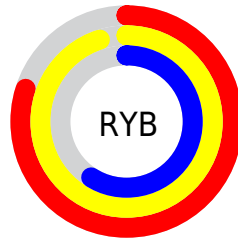
Distribution



Red (95%)

Green (82%)

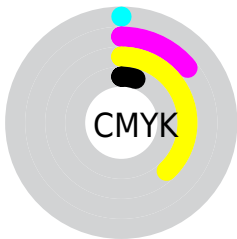
Blue (59%)



Red (80%)

Yellow (95%)

Blue (59%)

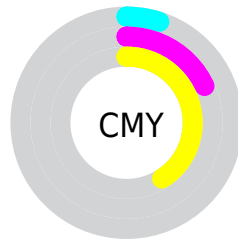


Cyan (0%)

Magenta (14%)

Yellow (38%)

Black (5%)



Cyan (5%)


Magenta (18%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1910, 0.3825, 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 66.1910, 0.3825, 0.3915 by changing the saturation by 10% instead.


 66.1910, 0.3825,
0.3915


 66.1910, 0.3825,
0.3915


447.0597, 0.3500,
0.3629

 48.4275, 0.3899,
0.3978


 113.7604, 0.3712,
0.3817

 34.1655, 0.3989,
0.4055


 144.3351, 0.3668,
0.3778

 23.0208, 0.4101,
0.4149


179.9490, 0.3631,
0.3745

 14.6089, 0.4244,
0.4266

220.9864, 0.3598,
0.3716

 8.5453, 0.4427,
0.4412

267.8318, 0.3569,
0.3690

 4.4458, 0.4675,
0.4599

320.8695, 0.3543,

 1.9260, 0.5095,

0.3667

0.4905

380.4840, 0.3520,
0.3647

■ 0.5639, 0.5293,
0.4707

■ 0.0000, 0.0000,
0.0000

■ 66.1910, 0.3825,
0.3915

■ 66.1910, 0.3825,
0.3915

■ 61.2604, 0.4044,
0.4075

■ 71.5339, 0.3618,
0.3747

■ 56.7189, 0.4269,
0.4216

■ 77.2929, 0.3427,
0.3579

■ 52.5543, 0.4490,
0.4327

■ 83.4832, 0.3253,
0.3415

■ 48.7499, 0.4696,
0.4397

■ 90.1166, 0.3098,
0.3260

■ 45.2865, 0.4875,
0.4416

■ 96.1331, 0.3048,
0.3267

■ 42.1391, 0.5021,
0.4384

■ 97.6119, 0.3047,
0.3290

■ 41.5470, 0.5048,
0.4374

Harmonies

Analogous

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



66.1910, 0.3959, 0.3638



66.1910, 0.3825, 0.3915



66.1910, 0.3504, 0.4041

Triad

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



66.1910, 0.3825, 0.3915



66.1910, 0.2448, 0.3208



66.1910, 0.3116, 0.2742

Complementary

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



66.1910, 0.3825, 0.3915



47.1402, 0.2491, 0.2569

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.



66.1910, 0.2725, 0.2623



66.1910, 0.3825, 0.3915



66.1910, 0.2359, 0.2860

Square

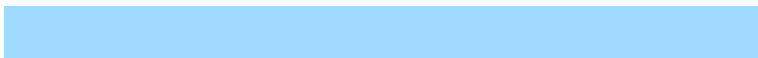
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1910, 0.3825, 0.3915



66.1910, 0.2710, 0.3617



66.1910, 0.2457, 0.2658



66.1910, 0.3536, 0.2984

Rectangle

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



66.1910, 0.3825, 0.3915



66.1910, 0.3233, 0.3999



66.1910, 0.2457, 0.2658



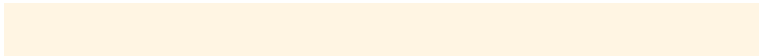
66.1910, 0.2977, 0.2687

Sweetspot

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



66.1941, 0.3825, 0.3915



91.8955, 0.3304, 0.3464



44.1891, 0.3702, 0.2906



19.4646, 0.3327, 0.3486



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.



66.1941, 0.3825, 0.3915



70.0288, 0.4002, 0.4046



82.7159, 0.3621, 0.4262



17.4213, 0.3277, 0.3439



22.5956, 0.5030, 0.4388



2.0692, 0.4890, 0.4499

Inverse Universe

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



47.1402, 0.2491, 0.2569



45.6411, 0.2348, 0.2381



35.7599, 0.2504, 0.2154



16.1841, 0.2980, 0.3137



7.5489, 0.1660, 0.1175



0.8120, 0.1733, 0.1437

Previews

White Background



This preview shows how the Yxy color 66.1910, 0.3825, 0.3915 looks on a white background.

Color Contrast Check

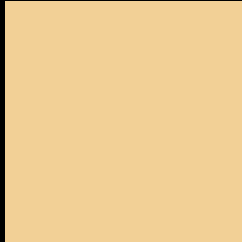
Large Text (above 18pt) WCAG AA × Fail

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 66.1910, 0.3825, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

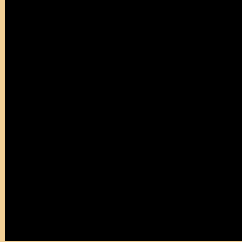
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1910, 0.3825, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 66.1910, 0.3825, 0.3915.



This preview shows how white text looks on a background with the Yxy color 66.1910, 0.3825, 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

66.1910, 0.3825, 0.3915

Protanopia

66.5135, 0.3686, 0.3969

Deuteranopia

66.3027, 0.3924, 0.3844



Tritanopia

66.3546, 0.3401, 0.3135

Trichromacy



Original Color

66.1910, 0.3825, 0.3915

Protanomaly

66.3153, 0.3741, 0.3950

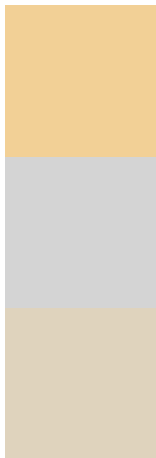
Deuteranomaly

66.0367, 0.3887, 0.3861

Tritanomaly

66.0663, 0.3558, 0.3419

Monochromacy



Original Color

66.1910, 0.3825, 0.3915

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9506, 0.3375, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1910, 0.3825, 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(242, 208, 150)` looks like.

```
.text, #text, p{  
    color:rgb(242, 208, 150)  
}
```

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(242, 208, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 208, 150) }
```

Border

The CSS property to change the border of an element to Yxy 66.1910, 0.3825, 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(242, 208, 150) }
```

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

```
.border{ border-color:rgb(242, 208, 150) }
```

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

Here you see how a box with a 4 pixel rgb(242, 208, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 208, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 208, 150);  
box-shadow:4px 4px 4px 4px rgb(242, 208,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1910, 0.3825, 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(242, 208, 150) }
```

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

```
.background{ background-color: rgb(242,  
208, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor