

Converting Colors

Yxy(66.1962, 0.3720, 0.3831)

Have a look what the booklet for
Yxy(66.1962, 0.3720, 0.3831)
contains.

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Color

Yxy(66.2813, 0.3722, 0.3836)

Conversions

Conversions Part 1

Format	Color
Hex	EED19F
RGB	238, 209, 159
RGB Percent	93%, 82%, 62%
CMY	0.0667, 0.1803, 0.3766
CMYK	0.00, 0.12, 0.33, 0.07
HSL	38°, 70%, 78%
HSV	38°, 33%, 93%
XYZ	64.3115, 66.2813, 42.1947
YIQ	211.9710, 33.3340, -9.4020

Conversions

Conversions Part 2

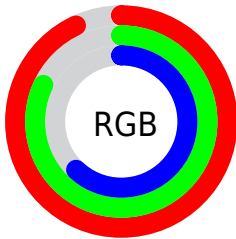
Format	Color
R_{YB}	205, 238, 159
Decimal	15651231
CIE Lab	85.14, 3.01, 28.57
CIE LCh	85, 28.724, 83.989
Yxy	66.2813, 0.3722, 0.3836
Android (android.graphics.Color)	4293841311 (0xFFEED19F)
YUV	211.9710, -26.1147, 22.8274
Hunter-Lab	81.4133, -1.4693, 26.2606

Details

The Yxy color **66.2813, 0.3722, 0.3836** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.4828, 0.2577, 0.2673**, and the grayscale version is **65.9776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **34.3280, 0.3863, 0.3967** is the 20% darker color. If you saturate the color by 10%, you get **61.3709, 0.3935, 0.4001**, and if you desaturate by 10%, it is **71.5913, 0.3523, 0.3667**.

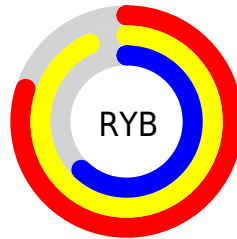
Distribution



Red (93%)

Green (82%)

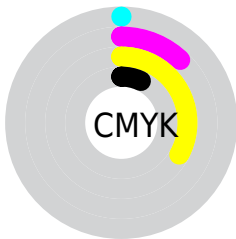
Blue (62%)



Red (80%)

Yellow (93%)

Blue (62%)

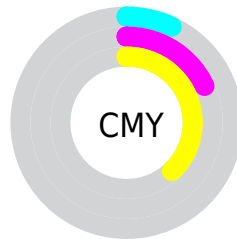


Cyan (0%)

Magenta (12%)

Yellow (33%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2813, 0.3722, 0.3836 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 66.2813, 0.3722, 0.3836 by changing the saturation by 10% instead.

 66.2813, 0.3722,
0.3836


 66.2813, 0.3722,
0.3836


447.3822, 0.3444,
0.3584

 48.5008, 0.3786,
0.3893

 113.8900, 0.3625,
0.3749

 34.2236, 0.3864,
0.3962

 144.4869, 0.3588,
0.3715

 23.0655, 0.3962,
0.4048


180.1248, 0.3555,
0.3686

 14.6418, 0.4089,
0.4158

221.1881, 0.3527,
0.3660

 8.5684, 0.4255,
0.4299

268.0610, 0.3502,
0.3637

 4.4608, 0.4479,
0.4481

321.1281, 0.3481,

 1.9345, 0.5039,

0.3617

0.4961

380.7737, 0.3461,
0.3600

■ 0.5690, 0.5191,
0.4809

■ 0.0000, 0.0000,
0.0000

■ 66.2813, 0.3722,
0.3836

■ 66.2813, 0.3722,
0.3836

■ 61.3709, 0.3935,
0.4001

■ 71.5913, 0.3523,
0.3667

■ 56.8382, 0.4157,
0.4153

■ 77.3038, 0.3341,
0.3500

■ 52.6722, 0.4381,
0.4281

■ 83.4334, 0.3176,
0.3339

■ 48.8578, 0.4594,
0.4373

■ 89.9907, 0.3029,
0.3188

■ 45.3778, 0.4786,
0.4418

■ 95.4172, 0.3023,
0.3267

■ 42.2121, 0.4947,
0.4410

■ 96.9135, 0.3023,
0.3290

■ 40.2193, 0.5040,
0.4380

Harmonies

Analogous

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



66.2813, 0.3840, 0.3605



66.2813, 0.3722, 0.3836



66.2813, 0.3444, 0.3931

Triad

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



66.2813, 0.3722, 0.3836



66.2813, 0.2536, 0.3214



66.2813, 0.3131, 0.2819

Complementary

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



66.2813, 0.3722, 0.3836



49.4828, 0.2577, 0.2673

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.



66.2813, 0.2791, 0.2712



66.2813, 0.3722, 0.3836



66.2813, 0.2462, 0.2916

Square

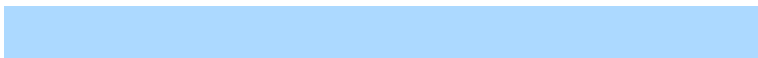
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.2813, 0.3722, 0.3836



66.2813, 0.2761, 0.3560



66.2813, 0.2552, 0.2742



66.2813, 0.3489, 0.3034

Rectangle

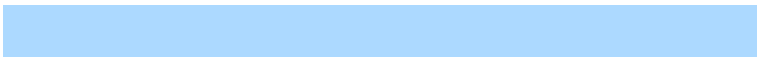
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.2813, 0.3722, 0.3836



66.2813, 0.3211, 0.3889



66.2813, 0.2552, 0.2742



66.2813, 0.3011, 0.2770

Sweetspot

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



66.2844, 0.3722, 0.3836



92.6445, 0.3287, 0.3448



46.5912, 0.3616, 0.2970



19.6170, 0.3310, 0.3471



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.



66.2844, 0.3722, 0.3836



73.4973, 0.3869, 0.3952



80.0427, 0.3551, 0.4141



17.4279, 0.3277, 0.3439



22.6979, 0.5023, 0.4394



2.0772, 0.4885, 0.4503

Inverse Universe

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



49.4828, 0.2577, 0.2673



50.9912, 0.2454, 0.2518



39.4529, 0.2607, 0.2322



16.1777, 0.2980, 0.3136



7.4956, 0.1658, 0.1169



0.8071, 0.1731, 0.1430

Previews

White Background



This preview shows how the Yxy color 66.2813, 0.3722, 0.3836 looks on a white background.

Color Contrast Check

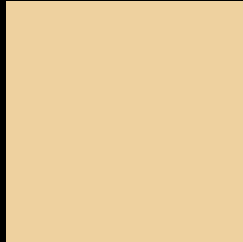
Large Text (above 18pt) WCAG AA × Fail

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 66.2813, 0.3722, 0.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

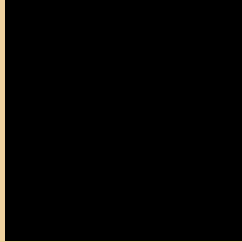
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.2813, 0.3722, 0.3836

Background



This preview shows how black text looks on a background with the Yxy color 66.2813, 0.3722, 0.3836.



This preview shows how white text looks on a background with the Yxy color 66.2813, 0.3722, 0.3836.

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

66.2813, 0.3722, 0.3836

Protanopia

66.6557, 0.3614, 0.3871

Deuteranopia

66.2330, 0.3839, 0.3754



Tritanopia

66.0161, 0.3345, 0.3123

Trichromacy



Original Color

66.2813, 0.3722, 0.3836

Protanomaly

66.7808, 0.3656, 0.3865

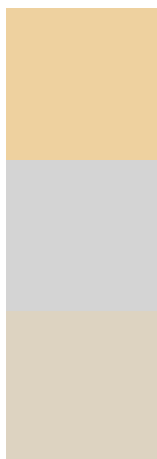
Deuteranomaly

66.2735, 0.3790, 0.3782

Tritanomaly

66.0485, 0.3485, 0.3377

Monochromacy



Original Color

66.2813, 0.3722, 0.3836

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8109, 0.3330, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2813, 0.3722, 0.3836 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(238, 209, 159)` looks like.

```
.text, #text, p{  
    color:rgb(238, 209, 159)  
}
```

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(238, 209, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 209, 159) }
```

Border

The CSS property to change the border of an element to Yxy 66.2813, 0.3722, 0.3836 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(238, 209, 159) }
```

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

```
.border{ border-color:rgb(238, 209, 159) }
```

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

Here you see how a box with a 4 pixel rgb(238, 209, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 209, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 209, 159);  
box-shadow:4px 4px 4px 4px rgb(238, 209,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2813, 0.3722, 0.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 209, 159) }
```

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

```
.background{ background-color: rgb(238,  
209, 159) }
```

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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