

Converting Colors

$Yxy(61.7030, 0.3773, 0.4127)$

Have a look what the booklet for
Yxy(61.7030, 0.3773, 0.4127)
contains.

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Color

Yxy(61.7190, 0.3771, 0.4124)

Conversions

Conversions Part 1

Format	Color
Hex	DDCF86
RGB	221, 207, 134
RGB Percent	87%, 81%, 53%
CMY	0.1333, 0.1882, 0.4744
CMYK	0.00, 0.06, 0.39, 0.13
HSL	50°, 56%, 70%
HSV	50°, 39%, 87%
XYZ	56.4361, 61.7190, 31.5030
YIQ	202.8640, 31.7770, -19.7350

Conversions

Conversions Part 2

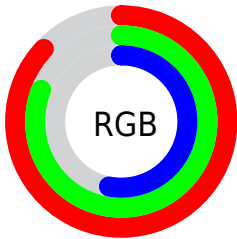
Format	Color
RYB	151, 221, 134
Decimal	14536582
CIELab	82.76, -5.45, 38.00
CIElCh	83, 38.392, 98.167
Yxy	61.7190, 0.3771, 0.4124
Android (android.graphics.Color)	4292726662 (0xFFDDCF86)
YUV	202.8640, -33.9500, 15.9053
Hunter-Lab	78.5614, -9.2537, 31.2178

Details

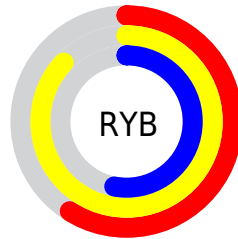
The Yxy color **61.7190, 0.3771, 0.4124** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.4790, 0.2432, 0.2286**, and the grayscale version is **59.8362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **31.4063, 0.3920, 0.4325** is the 20% darker color. If you saturate the color by 10%, you get **59.4641, 0.3939, 0.4322**, and if you desaturate by 10%, it is **64.1472, 0.3600, 0.3913**.

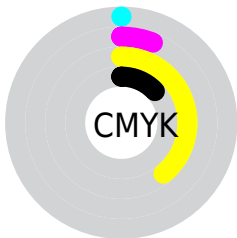
Distribution



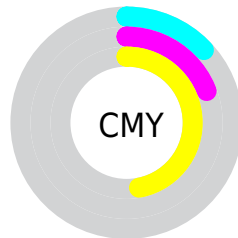
- Red (87%)
- Green (81%)
- Blue (53%)



- Red (59%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (39%)
- Black (13%)





- Cyan (13%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7190, 0.3771, 0.4124 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 61.7190, 0.3771, 0.4124 by changing the saturation by 10% instead.


 61.7190, 0.3771,
0.4124


 61.7190, 0.3771,
0.4124

430.9054, 0.3473,
0.3729


 44.8057, 0.3837,
0.4214


 107.3193, 0.3669,
0.3986

 31.3044, 0.3916,
0.4325


 136.7751, 0.3629,
0.3933

 20.8307, 0.4012,
0.4463


 171.1805, 0.3594,
0.3887

 13.0003, 0.4130,
0.4638

210.9199, 0.3564,
0.3847

 7.4288, 0.4269,
0.4860

256.3776, 0.3537,
0.3812

 3.7317, 0.4568,
0.5309

307.9382, 0.3514,

 1.5246, 0.4537,

0.3781

0.5463

365.9860, 0.3492,
0.3754

0.3060, 0.3401,
0.6599

0.0000, 0.0000,
0.0000

61.7190, 0.3771,
0.4124

61.7190, 0.3771,
0.4124

59.4641, 0.3939,
0.4322

64.1472, 0.3600,
0.3913

57.3658, 0.4098,
0.4496

66.7479, 0.3431,
0.3697

55.4175, 0.4239,
0.4636

69.5310, 0.3270,
0.3483

53.6088, 0.4356,
0.4735

72.5032, 0.3118,
0.3277

■ 51.9272, 0.4446,
0.4787

■ 75.6705, 0.2977,
0.3082

■ 50.3527, 0.4509,
0.4799

■ 78.2671, 0.2915,
0.3014

■ 50.2528, 0.4513,
0.4799

■ 80.2479, 0.2916,
0.3051

■ 82.2692, 0.2917,
0.3089

■ 84.3313, 0.2918,
0.3126

Harmonies

Analogous

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



61.7190, 0.4055, 0.3865



61.7190, 0.3771, 0.4124



61.7190, 0.3325, 0.4155

Triad

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



61.7190, 0.3771, 0.4124



61.7190, 0.2260, 0.2965



61.7190, 0.3364, 0.2781

Complementary

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



61.7190, 0.3771, 0.4124



31.4790, 0.2432, 0.2286

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.



61.7190, 0.2871, 0.2567



61.7190, 0.3771, 0.4124



61.7190, 0.2268, 0.2643

Square

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



61.7190, 0.3771, 0.4124



61.7190, 0.2463, 0.3431



61.7190, 0.2481, 0.2513



61.7190, 0.3820, 0.3110

Rectangle

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



61.7190, 0.3771, 0.4124



61.7190, 0.3002, 0.4011



61.7190, 0.2481, 0.2513



61.7190, 0.3196, 0.2694

Sweetspot

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



61.7218, 0.3771, 0.4124



95.0820, 0.3313, 0.3541



34.5854, 0.3943, 0.3118



20.2418, 0.3334, 0.3569



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.



61.7218, 0.3771, 0.4124



82.8399, 0.3906, 0.4284



64.6422, 0.3487, 0.4343



14.8884, 0.3271, 0.3485



29.3329, 0.4507, 0.4803



1.9978, 0.4448, 0.4851

Inverse Universe

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



31.4790, 0.2432, 0.2286



35.6387, 0.2272, 0.2040



30.0677, 0.2639, 0.2163



12.9539, 0.2981, 0.3088



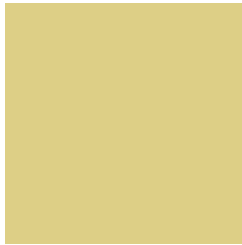
3.8586, 0.1540, 0.0743



0.3568, 0.1613, 0.1008

Previews

White Background



This preview shows how the Yxy color 61.7190, 0.3771, 0.4124 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 61.7190, 0.3771, 0.4124 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 61.7190, 0.3771, 0.4124

Background



This preview shows how black text looks on a background with the Yxy color 61.7190, 0.3771, 0.4124.



This preview shows how white text looks on a background with the Yxy color 61.7190, 0.3771, 0.4124.

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

61.7190, 0.3771, 0.4124

Protanopia

61.7111, 0.3801, 0.4106

Deuteranopia

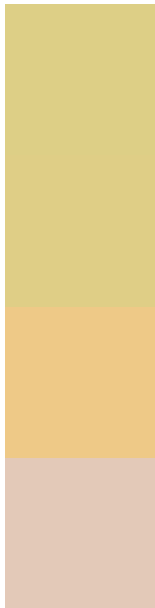
61.4842, 0.4021, 0.3939



Tritanopia

61.5596, 0.3270, 0.3115

Trichromacy



Original Color

61.7190, 0.3771, 0.4124

Protanomaly

61.5518, 0.3792, 0.4109

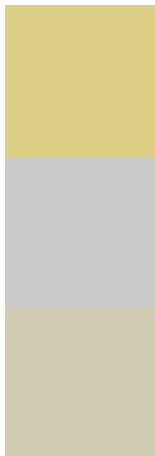
Deuteranomaly

61.6997, 0.3933, 0.4010

Tritanomaly

61.5649, 0.3463, 0.3482

Monochromacy



Original Color

61.7190, 0.3771, 0.4124

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.1017, 0.3364, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7190, 0.3771, 0.4124 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(221, 207, 134)` looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 134)  
}
```

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(221, 207, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 134) }
```

Border

The CSS property to change the border of an element to Yxy 61.7190, 0.3771, 0.4124 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(221, 207, 134) }
```

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

```
.border{ border-color:rgb(221, 207, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 207, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 207, 134);  
box-shadow:4px 4px 4px 4px rgb(221, 207,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7190, 0.3771, 0.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 134) }
```

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

```
.background{ background-color: rgb(221,  
207, 134) }
```

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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