

Converting Colors

$Yxy(60.9186, 0.3731, 0.4239)$

Have a look what the booklet for
Yxy(60.9186, 0.3731, 0.4239)
contains.

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Color

Yxy(61.1303, 0.3736, 0.4246)

Conversions

Conversions Part 1

Format	Color
Hex	D4D17F
RGB	212, 209, 127
RGB Percent	83%, 82%, 50%
CMY	0.1686, 0.1804, 0.5018
CMYK	0.00, 0.01, 0.40, 0.17
HSL	58°, 50%, 66%
HSV	58°, 40%, 83%
XYZ	53.7878, 61.1303, 29.0534
YIQ	200.5490, 28.1100, -24.8660

Conversions

Conversions Part 2

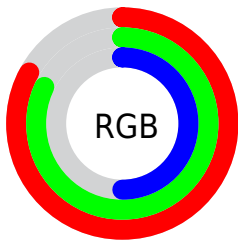
Format	Color
RYB	130, 212, 127
Decimal	13947263
CIELab	82.45, -10.78, 40.98
CIELCh	82, 42.374, 104.732
Yxy	61.1303, 0.3736, 0.4246
Android (android.graphics.Color)	4292137343 (0xFFD4D17F)
YUV	200.5490, -36.2597, 10.0425
Hunter-Lab	78.1859, -14.0267, 32.6983

Details

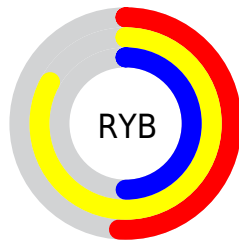
The Yxy color **61.1303, 0.3736, 0.4246** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.2475, 0.2395, 0.2112**, and the grayscale version is **58.3348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1162, 0.3567, 0.4018**, and **31.0324, 0.3864, 0.4485** is the 20% darker color. If you saturate the color by 10%, you get **60.2685, 0.3876, 0.4461**, and if you desaturate by 10%, it is **62.1158, 0.3586, 0.4013**.

Distribution



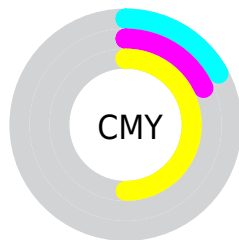
- Red (83%)
- Green (82%)
- Blue (50%)



- Red (51%)
- Yellow (83%)
- Blue (50%)



- Cyan (0%)
- Magenta (1%)
- Yellow (40%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1303, 0.3736, 0.4246 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 61.1303, 0.3736, 0.4246 by changing the saturation by 10% instead.

61.1303, 0.3736,
0.4246

61.1303, 0.3736,
0.4246

428.7516, 0.3459,
0.3788

44.3303, 0.3795,
0.4352

106.4676, 0.3642,
0.4086

30.9303, 0.3866,
0.4482

135.7737, 0.3605,
0.4024

20.5458, 0.3949,
0.4645

170.0173, 0.3573,
0.3970

12.7924, 0.4045,
0.4852

209.5828, 0.3544,
0.3924

7.2857, 0.4148,
0.5116

254.8546, 0.3519,
0.3884

3.6414, 0.4372,
0.5628

306.2170, 0.3497,

1.4751, 0.4190,

0.3848

0.5810

364.0546, 0.3477,
0.3816

0.2711, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.1303, 0.3736,
0.4246

61.1303, 0.3736,
0.4246

60.2685, 0.3876,
0.4461

62.1158, 0.3586,
0.4013

59.5146, 0.4000,
0.4648


63.2232, 0.3431,
0.3771

58.8632, 0.4102,
0.4799

64.4617, 0.3277,
0.3528


58.3050, 0.4179,
0.4908


65.8370, 0.3128,
0.3292

 57.8288, 0.4229,
0.4973


 67.3544, 0.2987,
0.3067

 57.4178, 0.4257,
0.5002

 69.0193, 0.2855,
0.2856

 69.4488, 0.2851,
0.2856

 69.8314, 0.2852,
0.2865

 70.2157, 0.2852,
0.2873

Harmonies

Analogous

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



61.1303, 0.4103, 0.3994



61.1303, 0.3736, 0.4246



61.1303, 0.3223, 0.4219

Triad

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



61.1303, 0.3736, 0.4246



61.1303, 0.2158, 0.2832



61.1303, 0.3508, 0.2801

Complementary

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



61.1303, 0.3736, 0.4246



25.2475, 0.2395, 0.2112

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.



61.1303, 0.2956, 0.2537



61.1303, 0.3736, 0.4246



61.1303, 0.2217, 0.2527

Square

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



61.1303, 0.3736, 0.4246



61.1303, 0.2328, 0.3322



61.1303, 0.2495, 0.2434



61.1303, 0.3982, 0.3177

Rectangle

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



61.1303, 0.3736, 0.4246



61.1303, 0.2871, 0.4013



61.1303, 0.2495, 0.2434



61.1303, 0.3323, 0.2697

Sweetspot

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



61.1331, 0.3736, 0.4246



97.4923, 0.3308, 0.3577



30.8331, 0.4084, 0.3240



20.8129, 0.3329, 0.3609



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.



61.1331, 0.3736, 0.4246



91.7207, 0.3855, 0.4429



57.6011, 0.3413, 0.4389



14.4408, 0.3267, 0.3512



35.4733, 0.4256, 0.5003



2.1637, 0.4244, 0.5012

Inverse Universe

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



25.2475, 0.2395, 0.2112



30.0501, 0.2216, 0.1820



27.9704, 0.2720, 0.2170



12.0786, 0.2981, 0.3058



3.0662, 0.1507, 0.0624



0.2104, 0.1528, 0.0700

Previews

White Background



This preview shows how the Yxy color 61.1303, 0.3736, 0.4246 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 61.1303, 0.3736, 0.4246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

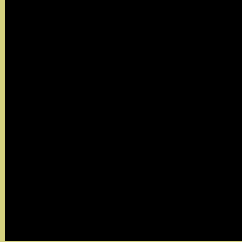
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1303, 0.3736, 0.4246

Background



This preview shows how black text looks on a background with the Yxy color 61.1303, 0.3736, 0.4246.



This preview shows how white text looks on a background with the Yxy color 61.1303, 0.3736, 0.4246.

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

61.1303, 0.3736, 0.4246

Protanopia

61.0163, 0.3861, 0.4182

Deuteranopia

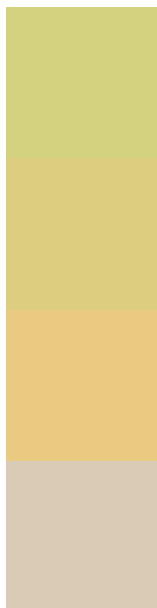
60.8657, 0.4072, 0.3989



Tritanopia

61.2315, 0.3197, 0.3123

Trichromacy



Original Color

61.1303, 0.3736, 0.4246

Protanomaly

60.8646, 0.3823, 0.4204

Deuteranomaly

60.8507, 0.3944, 0.4083

Tritanomaly

60.9947, 0.3401, 0.3533

Monochromacy



Original Color

61.1303, 0.3736, 0.4246

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2209, 0.3354, 0.3650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1303, 0.3736, 0.4246 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(212, 209, 127)` looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 127)  
}
```

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(212, 209, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 127) }
```

Border

The CSS property to change the border of an element to Yxy 61.1303, 0.3736, 0.4246 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(212, 209, 127) }
```

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

```
.border{ border-color:rgb(212, 209, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 127);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1303, 0.3736, 0.4246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 127) }
```

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

```
.background{ background-color: rgb(212,  
209, 127) }
```

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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