

Converting Colors

$Yxy(61.9488, 0.3735, 0.4321)$

Have a look what the booklet for
Yxy(61.9488, 0.3735, 0.4321)
contains.

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Color

Yxy(61.7202, 0.3738, 0.4316)

Conversions

Conversions Part 1

Format	Color
Hex	D2D37B
RGB	210, 211, 123
RGB Percent	82%, 83%, 48%
CMY	0.1763, 0.1726, 0.5177
CMYK	0.00, 0.00, 0.42, 0.17
HSL	61°, 50%, 65%
HSV	61°, 42%, 83%
XYZ	53.4546, 61.7202, 27.8284
YIQ	200.6690, 27.6520, -27.5800

Conversions

Conversions Part 2

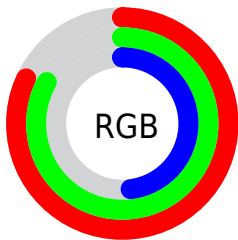
Format	Color
RYB	123, 211, 124
Decimal	13816699
CIELab	82.76, -12.99, 43.36
CIELCh	83, 45.265, 106.679
Yxy	61.7202, 0.3738, 0.4316
Android (android.graphics.Color)	4292006779 (0xFFD2D37B)
YUV	200.6690, -38.2908, 8.1833
Hunter-Lab	78.5622, -16.0304, 33.9917

Details

The Yxy color **61.7202, 0.3738, 0.4316** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.1455, 0.2361, 0.2014**, and the grayscale version is **58.4252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9543, 0.3591, 0.4057**, and **31.4518, 0.3859, 0.4571** is the 20% darker color. If you saturate the color by 10%, you get **61.2167, 0.3866, 0.4534**, and if you desaturate by 10%, it is **62.3433, 0.3597, 0.4078**.

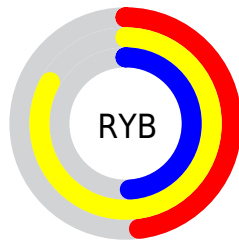
Distribution



Red (82%)

Green (83%)

Blue (48%)



Red (48%)

Yellow (83%)

Blue (49%)

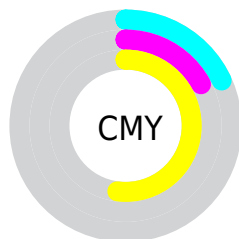


Cyan (0%)

Magenta (0%)

Yellow (42%)

Black (17%)



Cyan (18%)


Magenta (17%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7202, 0.3738, 0.4316 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 61.7202, 0.3738, 0.4316 by changing the saturation by 10% instead.


 61.7202, 0.3738,
0.4316

 61.7202, 0.3738,
0.4316


430.9097, 0.3464,
0.3825


 44.8067, 0.3795,
0.4429

 107.3210, 0.3646,
0.4144

 31.3052, 0.3863,
0.4568


 136.7771, 0.3610,
0.4077

 20.8313, 0.3940,
0.4742


 171.1828, 0.3577,
0.4020

 13.0008, 0.4027,
0.4962

210.9226, 0.3549,
0.3971

 7.4291, 0.4113,
0.5240

256.3808, 0.3524,
0.3927

 3.7319, 0.4271,
0.5729

307.9417, 0.3502,

 1.5247, 0.4054,

0.3889

0.5946

365.9899, 0.3482,
0.3855

0.3060, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.7202, 0.3738,
0.4316

61.7202, 0.3738,
0.4316

61.2167, 0.3866,
0.4534

62.3433, 0.3597,
0.4078

60.8168, 0.3977,
0.4721


63.0842, 0.3448,
0.3829

60.5153, 0.4064,
0.4870


63.9520, 0.3299,
0.3577

60.3025, 0.4125,
0.4977

64.9524, 0.3152,
0.3331


 60.1673, 0.4160,
0.5040


 66.0909, 0.3011,
0.3096

 60.0975, 0.4174,
0.5068

 67.3725, 0.2878,
0.2874

 67.7507, 0.2847,
0.2820

 67.7848, 0.2849,
0.2821

 67.8190, 0.2850,
0.2821

Harmonies

Analogous

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



61.7202, 0.4145, 0.4056



61.7202, 0.3738, 0.4316



61.7202, 0.3188, 0.4270

Triad

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



61.7202, 0.3738, 0.4316



61.7202, 0.2099, 0.2772



61.7202, 0.3569, 0.2794

Complementary

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



61.7202, 0.3738, 0.4316



23.1455, 0.2361, 0.2014

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.



61.7202, 0.2980, 0.2507



61.7202, 0.3738, 0.4316



61.7202, 0.2177, 0.2467

Square

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



61.7202, 0.3738, 0.4316



61.7202, 0.2261, 0.3283



61.7202, 0.2482, 0.2386



61.7202, 0.4063, 0.3195

Rectangle

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



61.7202, 0.3738, 0.4316



61.7202, 0.2818, 0.4035



61.7202, 0.2482, 0.2386



61.7202, 0.3373, 0.2683

Sweetspot

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



61.7230, 0.3738, 0.4316



97.9775, 0.3320, 0.3613



29.4397, 0.4197, 0.3293



20.9053, 0.3353, 0.3669



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.



61.7230, 0.3738, 0.4316



94.0629, 0.3852, 0.4510



56.2303, 0.3387, 0.4450



13.7908, 0.3264, 0.3520



36.2737, 0.4174, 0.5067



2.0304, 0.4178, 0.5065

Inverse Universe

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



23.1455, 0.2361, 0.2014



27.1866, 0.2172, 0.1700



27.0790, 0.2741, 0.2134



11.4237, 0.2983, 0.3050



2.8502, 0.1504, 0.0602



0.1616, 0.1516, 0.0609

Previews

White Background



This preview shows how the Yxy color 61.7202, 0.3738, 0.4316 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 61.7202, 0.3738, 0.4316 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 61.7202, 0.3738, 0.4316

Background



This preview shows how black text looks on a background with the Yxy color 61.7202, 0.3738, 0.4316.



This preview shows how white text looks on a background with the Yxy color 61.7202, 0.3738, 0.4316.

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

61.7202, 0.3738, 0.4316

Protanopia

61.6918, 0.3908, 0.4238

Deuteranopia

61.5786, 0.4113, 0.4033



Tritanopia

61.4821, 0.3166, 0.3112

Trichromacy



Original Color

61.7202, 0.3738, 0.4316

Protanomaly

61.7325, 0.3841, 0.4266

Deuteranomaly

61.3839, 0.3976, 0.4131

Tritanomaly

61.1621, 0.3383, 0.3546

Monochromacy



Original Color

61.7202, 0.3738, 0.4316

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5171, 0.3351, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7202, 0.3738, 0.4316 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(210, 211, 123)` looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 123)  
}
```

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(210, 211, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 123) }
```

Border

The CSS property to change the border of an element to Yxy 61.7202, 0.3738, 0.4316 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(210, 211, 123) }
```

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

```
.border{ border-color:rgb(210, 211, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 211, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 123);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7202, 0.3738, 0.4316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 123) }
```

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

```
.background{ background-color: rgb(210,  
211, 123) }
```

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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