

Converting Colors

Yxy(61.0615, 0.3827, 0.4758)

Have a look what the booklet for
Yxy(61.0615, 0.3827, 0.4758)
contains.

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Color

Yxy(61.2948, 0.3827, 0.4757)

Conversions

Conversions Part 1

Format	Color
Hex	C6D757
RGB	198, 215, 87
RGB Percent	78%, 84%, 34%
CMY	0.2235, 0.1569, 0.6589
CMYK	0.08, 0.00, 0.60, 0.16
HSL	68°, 62%, 59%
HSV	68°, 60%, 84%
XYZ	49.3116, 61.2948, 18.2454
YIQ	195.3250, 30.9560, -43.4120

Conversions

Conversions Part 2

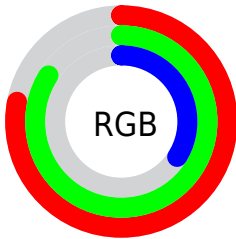
Format	Color
R_{YB}	87, 215, 104
Decimal	13031255
CIE _{Lab}	82.54, -22.96, 59.63
CIE _{LCh}	83, 63.897, 111.061
Yxy	61.2948, 0.3827, 0.4757
Android (android.graphics.Color)	4291221335 (0xFFC6D757)
YUV	195.3250, -53.4042, 2.3460
Hunter-Lab	78.2910, -24.5810, 40.9864

Details

The Yxy color **61.2948, 0.3827, 0.4757** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **14.6625, 0.2095, 0.1437**, and the grayscale version is **55.0902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7031, 0.3793, 0.4391**, and **30.8930, 0.3927, 0.5103** is the 20% darker color. If you saturate the color by 10%, you get **60.6128, 0.3898, 0.4941**, and if you desaturate by 10%, it is **62.0943, 0.3734, 0.4539**.

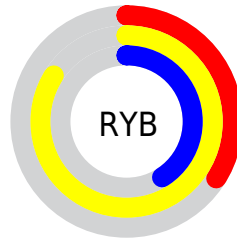
Distribution



Red (78%)

Green (84%)

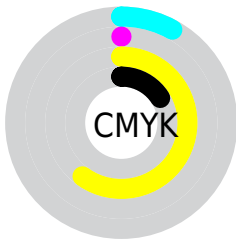
Blue (34%)



Red (34%)

Yellow (84%)

Blue (41%)

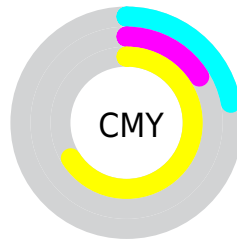


Cyan (8%)

Magenta (0%)

Yellow (60%)

Black (16%)



Cyan (22%)


Magenta (16%)


Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2948, 0.3827, 0.4757 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 61.2948, 0.3827, 0.4757 by changing the saturation by 10% instead.


 61.2948, 0.3827,
0.4757

 61.2948, 0.3827,
0.4757


429.3541, 0.3538,
0.4057

 44.4631, 0.3876,
0.4913

 106.7057, 0.3738,
0.4515

 31.0348, 0.3927,
0.5100


 136.0537, 0.3700,
0.4420

 20.6253, 0.3970,
0.5325


 170.3425, 0.3666,
0.4338

 12.8504, 0.3992,
0.5591

 209.9567, 0.3635,
0.4267

 7.3256, 0.4014,
0.5986

255.2805, 0.3607,
0.4205

 3.6666, 0.3782,
0.6218

306.6984, 0.3582,

 1.4888, 0.3375,

0.4150

0.6625

364.5948, 0.3559,
0.4101

■ 0.2809, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2948, 0.3827,
0.4757

■ 61.2948, 0.3827,
0.4757

■ 60.6128, 0.3898,
0.4941

■ 62.0943, 0.3734,
0.4539

■ 60.0304, 0.3943,
0.5082


■ 63.0113, 0.3625,
0.4297


■ 59.5388, 0.3962,
0.5179

■ 64.0564, 0.3504,
0.4041


■ 59.1187, 0.3959,
0.5236


■ 65.2364, 0.3376,
0.3781


 59.1000, 0.3959,
0.5239

 66.5579, 0.3248,
0.3525

 68.0267, 0.3121,
0.3279

 69.6486, 0.3000,
0.3048

 71.1692, 0.2910,
0.2872

 71.6205, 0.2929,
0.2874

Harmonies

Analogous

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



61.2948, 0.4450, 0.4369



61.2948, 0.3827, 0.4757



61.2948, 0.3059, 0.4675

Triad

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



61.2948, 0.3827, 0.4757



61.2948, 0.1739, 0.2465



61.2948, 0.3860, 0.2680

Complementary

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



61.2948, 0.3827, 0.4757



14.6625, 0.2095, 0.1437

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.



61.2948, 0.3023, 0.2282



61.2948, 0.3827, 0.4757



61.2948, 0.1886, 0.2130

Square

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



61.2948, 0.3827, 0.4757



61.2948, 0.1889, 0.3129



61.2948, 0.2320, 0.2084



61.2948, 0.4527, 0.3211

Rectangle

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



61.2948, 0.3827, 0.4757



61.2948, 0.2567, 0.4280



61.2948, 0.2320, 0.2084



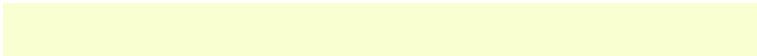
61.2948, 0.3582, 0.2528

Sweetspot

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



61.2976, 0.3827, 0.4757



96.2513, 0.3359, 0.3745



24.6229, 0.4853, 0.3465



20.4862, 0.3397, 0.3822



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.



61.2976, 0.3827, 0.4757



88.9981, 0.3909, 0.4975



54.5293, 0.3340, 0.5033



14.4325, 0.3246, 0.3522



35.3815, 0.3963, 0.5236



2.1578, 0.4005, 0.5202

Inverse Universe

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



14.6625, 0.2095, 0.1437



14.7063, 0.1873, 0.1079



19.8202, 0.2667, 0.1684



12.0869, 0.3002, 0.3050



3.1129, 0.1554, 0.0630



0.2141, 0.1680, 0.0699

Previews

White Background



This preview shows how the Yxy color 61.2948, 0.3827, 0.4757 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 61.2948, 0.3827, 0.4757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

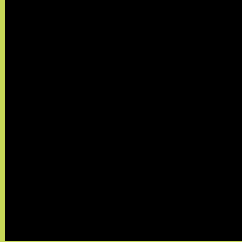
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2948, 0.3827, 0.4757

Background



This preview shows how black text looks on a background with the Yxy color 61.2948, 0.3827, 0.4757.



This preview shows how white text looks on a background with the Yxy color 61.2948, 0.3827, 0.4757.

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

61.2948, 0.3827, 0.4757

Protanopia

60.7967, 0.4154, 0.4557

Deuteranopia

60.8914, 0.4389, 0.4286



Tritanopia

61.3001, 0.3090, 0.3109

Trichromacy



Original Color

61.2948, 0.3827, 0.4757

Protanomaly

61.0085, 0.4030, 0.4635

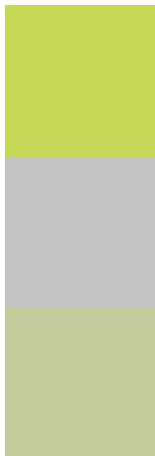
Deuteranomaly

60.4888, 0.4187, 0.4448

Tritanomaly

60.7933, 0.3394, 0.3731

Monochromacy



Original Color

61.2948, 0.3827, 0.4757

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.3771, 0.3418, 0.3862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2948, 0.3827, 0.4757 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(198, 215, 87)` looks like.

```
.text, #text, p{  
    color:rgb(198, 215, 87)  
}
```

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(198, 215, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 215, 87) }
```

Border

The CSS property to change the border of an element to Yxy 61.2948, 0.3827, 0.4757 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(198, 215, 87) }
```

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

```
.border{ border-color:rgb(198, 215, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 215, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 215, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 215, 87);  
box-shadow:4px 4px 4px 4px rgb(198, 215,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2948, 0.3827, 0.4757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 215, 87) }
```

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

```
.background{ background-color: rgb(198,  
215, 87) }
```

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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