

Converting Colors

$Yxy(62.6714, 0.3794, 0.4800)$

Have a look what the booklet for
Yxy(62.6714, 0.3794, 0.4800)
contains.

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Color

Yxy(62.5505, 0.3799, 0.4799)

Conversions

Conversions Part 1

Format	Color
Hex	C4DA56
RGB	196, 218, 86
RGB Percent	77%, 85%, 34%
CMY	0.2314, 0.1451, 0.6626
CMYK	0.10, 0.00, 0.61, 0.15
HSL	70°, 64%, 60%
HSV	70°, 61%, 85%
XYZ	49.5164, 62.5505, 18.2738
YIQ	196.3740, 29.2600, -45.7160

Conversions

Conversions Part 2

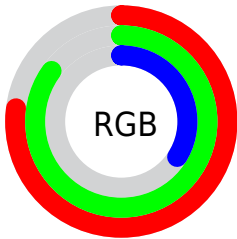
Format	Color
R_{YB}	86, 218, 108
Decimal	12900950
CIE _{Lab}	83.21, -25.29, 60.72
CIE _{LCh}	83, 65.779, 112.608
Yxy	62.5505, 0.3799, 0.4799
Android (android.graphics.Color)	4291091030 (0xFFC4DA56)
YUV	196.3740, -54.4144, -0.3280
Hunter-Lab	79.0889, -26.6492, 41.6630

Details

The Yxy color **62.5505, 0.3799, 0.4799** 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 **14.9137, 0.2109, 0.1419**, and the grayscale version is **55.7615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7031, 0.3793, 0.4391**, and **31.7625, 0.3886, 0.5155** is the 20% darker color. If you saturate the color by 10%, you get **61.7721, 0.3861, 0.4986**, and if you desaturate by 10%, it is **63.4536, 0.3715, 0.4578**.

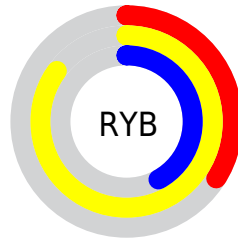
Distribution



Red (77%)

Green (85%)

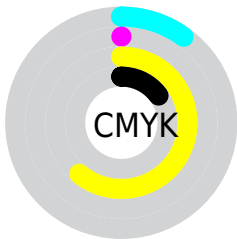
Blue (34%)



Red (34%)

Yellow (85%)

Blue (42%)

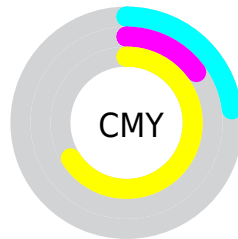


Cyan (10%)

Magenta (0%)

Yellow (61%)

Black (15%)



Cyan (23%)


Magenta (15%)


Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5505, 0.3799, 0.4799 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 62.5505, 0.3799, 0.4799 by changing the saturation by 10% instead.


 62.5505, 0.3799,
0.4799


 62.5505, 0.3799,
0.4799


433.9363, 0.3527,
0.4079

 45.4777, 0.3844,
0.4959

 108.5208, 0.3717,
0.4550


 31.8338, 0.3887,
0.5152


 138.1870, 0.3681,
0.4453

 21.2346, 0.3923,
0.5383


 172.8198, 0.3649,
0.4368

 13.2956, 0.3932,
0.5658

 212.8036, 0.3620,
0.4295

 7.6324, 0.3937,
0.6063

258.5227, 0.3593,
0.4231

 3.8607, 0.3689,
0.6311

310.3616, 0.3569,

 1.5959, 0.3261,

0.4174

0.6739

368.7047, 0.3547,
0.4124

0.3548, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.5505, 0.3799,
0.4799

62.5505, 0.3799,
0.4799

61.7721, 0.3861,
0.4986

63.4536, 0.3715,
0.4578

61.0996, 0.3897,
0.5130


64.4817, 0.3613,
0.4332


60.5239, 0.3908,
0.5229

65.6456, 0.3499,
0.4072

60.0480, 0.3898,
0.5287


66.9527, 0.3378,
0.3809

 68.4098, 0.3255,
0.3551

 70.0230, 0.3134,
0.3303

 71.7984, 0.3017,
0.3070

 73.3863, 0.2939,
0.2907

 73.9771, 0.2964,
0.2910

Harmonies

Analogous

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



62.5505, 0.4449, 0.4413



62.5505, 0.3799, 0.4799



62.5505, 0.3014, 0.4688

Triad

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



62.5505, 0.3799, 0.4799



62.5505, 0.1714, 0.2421



62.5505, 0.3918, 0.2693

Complementary

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



62.5505, 0.3799, 0.4799



14.9137, 0.2109, 0.1419

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.



62.5505, 0.3062, 0.2279



62.5505, 0.3799, 0.4799



62.5505, 0.1878, 0.2099

Square

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



62.5505, 0.3799, 0.4799



62.5505, 0.1849, 0.3080



62.5505, 0.2334, 0.2067



62.5505, 0.4582, 0.3237

Rectangle

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



62.5505, 0.3799, 0.4799



62.5505, 0.2517, 0.4264



62.5505, 0.2334, 0.2067



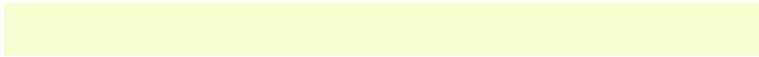
62.5505, 0.3636, 0.2536

Sweetspot

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



62.5533, 0.3799, 0.4799



95.9654, 0.3349, 0.3747



26.3097, 0.4842, 0.3543



20.4156, 0.3385, 0.3824



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.



62.5533, 0.3799, 0.4799



87.7881, 0.3875, 0.5036



55.5657, 0.3294, 0.5090



15.1483, 0.3241, 0.3523



36.0136, 0.3903, 0.5283



2.3629, 0.3953, 0.5243

Inverse Universe

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



14.9137, 0.2109, 0.1419



14.1611, 0.1874, 0.1045



20.7233, 0.2725, 0.1688



12.7210, 0.3007, 0.3050



3.2926, 0.1575, 0.0642



0.2459, 0.1714, 0.0718

Previews

White Background



This preview shows how the Yxy color 62.5505, 0.3799, 0.4799 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 62.5505, 0.3799, 0.4799 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 62.5505, 0.3799, 0.4799

Background



This preview shows how black text looks on a background with the Yxy color 62.5505, 0.3799, 0.4799.



This preview shows how white text looks on a background with the Yxy color 62.5505, 0.3799, 0.4799.

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

62.5505, 0.3799, 0.4799

Protanopia

62.2391, 0.4170, 0.4567

Deuteranopia

62.0556, 0.4359, 0.4269



Tritanopia

62.0547, 0.3060, 0.3109

Trichromacy



Original Color

62.5505, 0.3799, 0.4799

Protanomaly

62.1341, 0.4031, 0.4655

Deuteranomaly

61.9454, 0.4155, 0.4458

Tritanomaly

61.5203, 0.3367, 0.3744

Monochromacy



Original Color

62.5505, 0.3799, 0.4799

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

57.3218, 0.3413, 0.3885

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5505, 0.3799, 0.4799 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(196, 218, 86)` looks like.

```
.text, #text, p{  
    color:rgb(196, 218, 86)  
}
```

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(196, 218, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 218, 86) }
```

Border

The CSS property to change the border of an element to Yxy 62.5505, 0.3799, 0.4799 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(196, 218, 86) }
```

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

```
.border{ border-color:rgb(196, 218, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 218, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 218, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 218, 86);  
box-shadow:4px 4px 4px 4px rgb(196, 218,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5505, 0.3799, 0.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 218, 86) }
```

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

```
.background{ background-color: rgb(196,  
218, 86) }
```

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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