

Converting Colors

$Yxy(62.1629, 0.3786, 0.4752)$

Have a look what the booklet for
Yxy(62.1629, 0.3786, 0.4752)
contains.

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Color

Yxy(62.0997, 0.3785, 0.4756)

Conversions

Conversions Part 1

Format	Color
Hex	C4D95A
RGB	196, 217, 90
RGB Percent	77%, 85%, 35%
CMY	0.2314, 0.1490, 0.6471
CMYK	0.10, 0.00, 0.59, 0.15
HSL	70°, 63%, 60%
HSV	70°, 59%, 85%
XYZ	49.4212, 62.0997, 19.0503
YIQ	196.2430, 28.2510, -43.9490

Conversions

Conversions Part 2

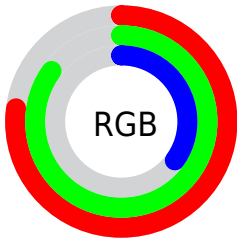
Format	Color
RYB	90, 217, 111
Decimal	12900698
CIELab	82.97, -24.52, 58.77
CIELCh	83, 63.679, 112.643
Yxy	62.0997, 0.3785, 0.4756
Android (android.graphics.Color)	4291090778 (0xFFC4D95A)
YUV	196.2430, -52.3778, -0.2131
Hunter-Lab	78.8034, -25.9603, 40.8293

Details

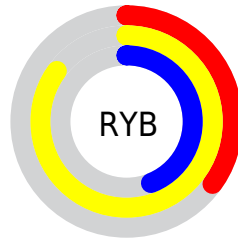
The Yxy color **62.0997, 0.3785, 0.4756** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **15.6995, 0.2147, 0.1482**, and the grayscale version is **55.6632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7936, 0.3777, 0.4365**, and **31.4451, 0.3871, 0.5102** is the 20% darker color. If you saturate the color by 10%, you get **61.3097, 0.3852, 0.4950**, and if you desaturate by 10%, it is **63.0147, 0.3696, 0.4529**.

Distribution



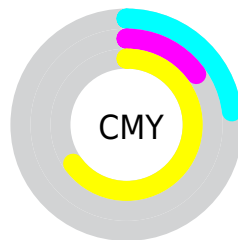
- Red (77%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (44%)



- Cyan (10%)
- Magenta (0%)
- Yellow (59%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0997, 0.3785, 0.4756 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 62.0997, 0.3785, 0.4756 by changing the saturation by 10% instead.

 62.0997, 0.3785,
0.4756

 62.0997, 0.3785,
0.4756


432.2947, 0.3516,
0.4054


 45.1133, 0.3831,
0.4914


 107.8696, 0.3703,
0.4513


 31.5466, 0.3876,
0.5104


 137.4219, 0.3667,
0.4417

 21.0155, 0.3916,
0.5333


 171.9315, 0.3635,
0.4336

 13.1353, 0.3932,
0.5609

 211.7830, 0.3606,
0.4264

 7.5218, 0.3962,
0.6038

257.3606, 0.3580,
0.4202

 3.7905, 0.3719,
0.6281

309.0489, 0.3557,

 1.5571, 0.3297,

0.4147

0.6703

367.2321, 0.3535,
0.4098

■ 0.3284, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0997, 0.3785,
0.4756

■ 62.0997, 0.3785,
0.4756

■ 61.3097, 0.3852,
0.4950

■ 63.0147, 0.3696,
0.4529

■ 60.6265, 0.3894,
0.5103


■ 64.0548, 0.3591,
0.4280

■ 60.0414, 0.3910,
0.5211


■ 65.2307, 0.3475,
0.4019


■ 59.5370, 0.3903,
0.5276


■ 66.5494, 0.3353,
0.3757


 59.4662, 0.3901,
0.5285

 68.0174, 0.3230,
0.3500

 69.6410, 0.3110,
0.3255

 71.4259, 0.2994,
0.3025

 72.8117, 0.2937,
0.2896

 73.3939, 0.2961,
0.2899

Harmonies

Analogous

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



62.0997, 0.4416, 0.4390



62.0997, 0.3785, 0.4756



62.0997, 0.3020, 0.4641

Triad

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



62.0997, 0.3785, 0.4756



62.0997, 0.1748, 0.2446



62.0997, 0.3897, 0.2709

Complementary

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



62.0997, 0.3785, 0.4756



15.6995, 0.2147, 0.1482

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.



62.0997, 0.3066, 0.2305



62.0997, 0.3785, 0.4756



62.0997, 0.1910, 0.2129

Square

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



62.0997, 0.3785, 0.4756



62.0997, 0.1882, 0.3088



62.0997, 0.2356, 0.2096



62.0997, 0.4540, 0.3243

Rectangle

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



62.0997, 0.3785, 0.4756



62.0997, 0.2536, 0.4231



62.0997, 0.2356, 0.2096



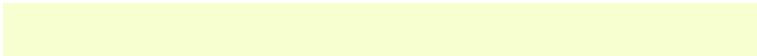
62.0997, 0.3623, 0.2556

Sweetspot

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



62.1025, 0.3785, 0.4756



95.9764, 0.3349, 0.3747



26.4364, 0.4775, 0.3513



20.4183, 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.



62.1025, 0.3785, 0.4756



88.1316, 0.3863, 0.4986



55.4726, 0.3309, 0.5021



15.1492, 0.3242, 0.3523



36.0343, 0.3905, 0.5281



2.3641, 0.3955, 0.5242

Inverse Universe

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



15.6995, 0.2147, 0.1482



15.5242, 0.1924, 0.1122



21.1530, 0.2721, 0.1728



12.7202, 0.3006, 0.3050



3.2893, 0.1574, 0.0641



0.2455, 0.1713, 0.0717

Previews

White Background



This preview shows how the Yxy color 62.0997, 0.3785, 0.4756 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 62.0997, 0.3785, 0.4756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

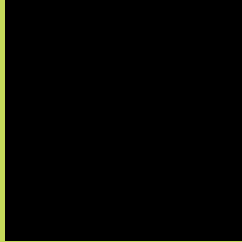
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0997, 0.3785, 0.4756

Background



This preview shows how black text looks on a background with the Yxy color 62.0997, 0.3785, 0.4756.



This preview shows how white text looks on a background with the Yxy color 62.0997, 0.3785, 0.4756.

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

62.0997, 0.3785, 0.4756

Protanopia

61.9718, 0.4133, 0.4546

Deuteranopia

61.5844, 0.4372, 0.4268



Tritanopia

62.0547, 0.3060, 0.3109

Trichromacy



Original Color

62.0997, 0.3785, 0.4756

Protanomaly

62.0448, 0.4002, 0.4627

Deuteranomaly

61.4863, 0.4156, 0.4441

Tritanomaly

61.5972, 0.3352, 0.3719

Monochromacy



Original Color

62.0997, 0.3785, 0.4756

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

57.3558, 0.3406, 0.3873

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0997, 0.3785, 0.4756 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, 217, 90)` looks like.

```
.text, #text, p{  
    color:rgb(196, 217, 90)  
}
```

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, 217, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 217, 90) }
```

Border

The CSS property to change the border of an element to Yxy 62.0997, 0.3785, 0.4756 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, 217, 90) }
```

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

```
.border{ border-color:rgb(196, 217, 90) }
```

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

Here you see how a box with a 4 pixel rgb(196, 217, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 217, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 217, 90);  
box-shadow:4px 4px 4px 4px rgb(196, 217,  
90) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.0997, 0.3785, 0.4756$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 217, 90) }
```

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

```
.background{ background-color: rgb(196,  
217, 90) }
```

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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