

Converting Colors

$Yxy(65.2876, 0.3796, 0.4499)$

Have a look what the booklet for
Yxy(65.2876, 0.3796, 0.4499)
contains.

Yxy(65.2876, 0.3796, 0.4499)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.2876, 0.3796, 0.4499)

Conversions

Conversions Part 1

Format	Color
Hex	D4DA6F
RGB	212, 218, 111
RGB Percent	83%, 85%, 44%
CMY	0.1688, 0.1450, 0.5646
CMYK	0.03, 0.00, 0.49, 0.15
HSL	63°, 59%, 65%
HSV	63°, 49%, 85%
XYZ	55.0860, 65.2876, 24.7422
YIQ	204.0080, 30.7710, -34.5490

Conversions

Conversions Part 2

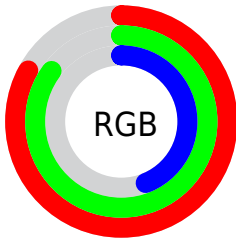
Format	Color
RYB	111, 218, 117
Decimal	13949551
CIELab	84.63, -16.88, 51.46
CIELCh	85, 54.156, 108.166
Yxy	65.2876, 0.3796, 0.4499
Android (android.graphics.Color)	4292139631 (0xFFD4DA6F)
YUV	204.0080, -45.8529, 7.0090
Hunter-Lab	80.8007, -19.7088, 38.4051

Details

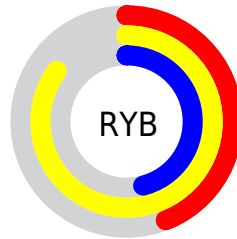
The Yxy color **65.2876, 0.3796, 0.4499** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.2224, 0.2238, 0.1762**, and the grayscale version is **60.6696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4966, 0.3661, 0.4172**, and **33.4787, 0.3913, 0.4780** is the 20% darker color. If you saturate the color by 10%, you get **64.6850, 0.3903, 0.4704**, and if you desaturate by 10%, it is **66.0147, 0.3672, 0.4268**.

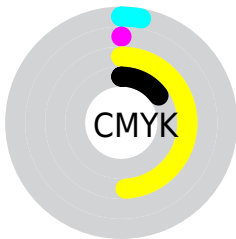
Distribution



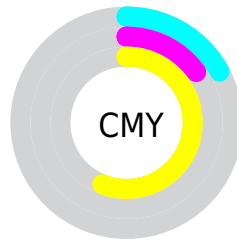
- Red (83%)
- Green (85%)
- Blue (44%)



- Red (44%)
- Yellow (85%)
- Blue (46%)



- Cyan (3%)
- Magenta (0%)
- Yellow (49%)
- Black (15%)




- Cyan (17%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2876, 0.3796, 0.4499 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 65.2876, 0.3796, 0.4499 by changing the saturation by 10% instead.


 65.2876, 0.3796,
0.4499


 65.2876, 0.3796,
0.4499


443.8248, 0.3507,
0.3927


 47.6943, 0.3852,
0.4628


 112.4632, 0.3703,
0.4301


 33.5849, 0.3915,
0.4783


 142.8144, 0.3664,
0.4224

 22.5749, 0.3984,
0.4974


 178.1869, 0.3630,
0.4157

 14.2799, 0.4051,
0.5207

 218.9653, 0.3600,
0.4099

 8.3156, 0.4111,
0.5507

265.5339, 0.3573,
0.4048

 4.2976, 0.4122,
0.5878

318.2771, 0.3549,

 1.8414, 0.3867,

0.4003

0.6133

377.5792, 0.3527,
0.3963

0.5128, 0.1279,
0.8721

0.0000, 0.0000,
0.0000

65.2876, 0.3796,
0.4499

65.2876, 0.3796,
0.4499

64.6850, 0.3903,
0.4704

66.0147, 0.3672,
0.4268

64.1894, 0.3988,
0.4873


66.8653, 0.3536,
0.4020

63.7937, 0.4048,
0.5000


67.8494, 0.3395,
0.3765

63.4865, 0.4082,
0.5083

68.9736, 0.3253,
0.3513

 63.2489, 0.4093,
0.5128


 70.2441, 0.3115,
0.3268

 63.2282, 0.4094,
0.5131

 71.6666, 0.2982,
0.3036

 72.6784, 0.2909,
0.2904

 72.8720, 0.2918,
0.2905

 73.0671, 0.2926,
0.2906

Harmonies

Analogous

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



65.2876, 0.4290, 0.4184



65.2876, 0.3796, 0.4499



65.2876, 0.3152, 0.4445

Triad

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



65.2876, 0.3796, 0.4499



65.2876, 0.1942, 0.2652



65.2876, 0.3675, 0.2736

Complementary

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



65.2876, 0.3796, 0.4499



20.2224, 0.2238, 0.1762

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.



65.2876, 0.2983, 0.2403



65.2876, 0.3796, 0.4499



65.2876, 0.2044, 0.2325

Square

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



65.2876, 0.3796, 0.4499



65.2876, 0.2106, 0.3237



65.2876, 0.2401, 0.2253



65.2876, 0.4249, 0.3194

Rectangle

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



65.2876, 0.3796, 0.4499



65.2876, 0.2727, 0.4152



65.2876, 0.2401, 0.2253



65.2876, 0.3444, 0.2608

Sweetspot

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



65.2906, 0.3796, 0.4499



97.3691, 0.3339, 0.3665



28.6319, 0.4465, 0.3358



20.7700, 0.3369, 0.3719



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.



65.2906, 0.3796, 0.4499



92.2137, 0.3908, 0.4712



58.6864, 0.3379, 0.4691



15.2245, 0.3258, 0.3522



37.8909, 0.4095, 0.5130



2.4664, 0.4112, 0.5117

Inverse Universe

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



20.2224, 0.2238, 0.1762



20.7459, 0.2023, 0.1405



24.9671, 0.2701, 0.1933



12.6521, 0.2990, 0.3049



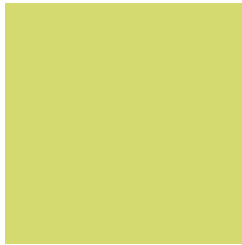
3.0959, 0.1519, 0.0610



0.2132, 0.1575, 0.0641

Previews

White Background



This preview shows how the Yxy color 65.2876, 0.3796, 0.4499 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 65.2876, 0.3796, 0.4499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

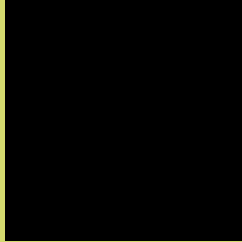
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2876, 0.3796, 0.4499

Background



This preview shows how black text looks on a background with the Yxy color 65.2876, 0.3796, 0.4499.



This preview shows how white text looks on a background with the Yxy color 65.2876, 0.3796, 0.4499.

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

65.2876, 0.3796, 0.4499

Protanopia

65.0163, 0.4016, 0.4377

Deuteranopia

64.9817, 0.4142, 0.4074



Tritanopia

65.2638, 0.3150, 0.3115

Trichromacy



Original Color

65.2876, 0.3796, 0.4499

Protanomaly

65.2265, 0.3928, 0.4424

Deuteranomaly

64.8185, 0.4012, 0.4226

Tritanomaly

64.6862, 0.3404, 0.3609

Monochromacy



Original Color

65.2876, 0.3796, 0.4499

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.7686, 0.3390, 0.3753

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2876, 0.3796, 0.4499 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, 218, 111)` looks like.

```
.text, #text, p{  
    color:rgb(212, 218, 111)  
}
```

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, 218, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 218, 111) }
```

Border

The CSS property to change the border of an element to Yxy 65.2876, 0.3796, 0.4499 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, 218, 111) }
```

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

```
.border{ border-color:rgb(212, 218, 111) }
```

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

Here you see how a box with a 4 pixel rgb(212, 218, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 218, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 218, 111);  
box-shadow:4px 4px 4px 4px rgb(212, 218,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2876, 0.3796, 0.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 218, 111) }
```

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

```
.background{ background-color: rgb(212,  
218, 111) }
```

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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