

Converting Colors

Yxy(64.8417, 0.3606, 0.4226)

Have a look what the booklet for
Yxy(64.8417, 0.3606, 0.4226)
contains.

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Color

Yxy(64.8417, 0.3606, 0.4226)

Conversions

Conversions Part 1

Format	Color
Hex	D0D989
RGB	208, 217, 137
RGB Percent	82%, 85%, 54%
CMY	0.1845, 0.1489, 0.4628
CMYK	0.04, 0.00, 0.37, 0.15
HSL	67°, 51%, 69%
HSV	67°, 37%, 85%
XYZ	55.3287, 64.8417, 33.2647
YIQ	205.1890, 20.3160, -26.7880

Conversions

Conversions Part 2

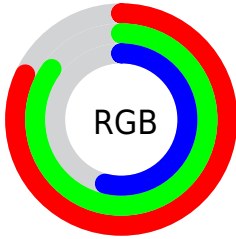
Format	Color
RYB	137, 217, 146
Decimal	13687177
CIELab	84.40, -15.28, 38.41
CIElCh	84, 41.335, 111.699
Yxy	64.8417, 0.3606, 0.4226
Android (android.graphics.Color)	4291877257 (0xFFD0D989)
YUV	205.1890, -33.6172, 2.4652
Hunter-Lab	80.5243, -18.2693, 31.8742

Details

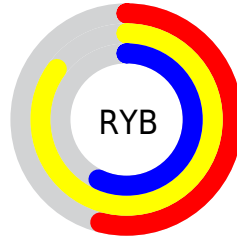
The Yxy color **64.8417, 0.3606, 0.4226** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.0194, 0.2528, 0.2201**, and the grayscale version is **61.3817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5416, 0.3508, 0.3919**, and **33.1879, 0.3698, 0.4455** is the 20% darker color. If you saturate the color by 10%, you get **63.9292, 0.3723, 0.4470**, and if you desaturate by 10%, it is **65.8908, 0.3479, 0.3970**.

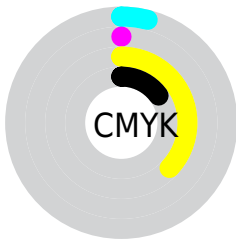
Distribution



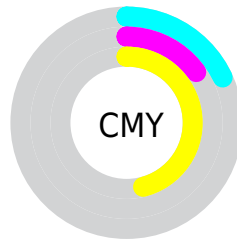
- Red (82%)
- Green (85%)
- Blue (54%)



- Red (54%)
- Yellow (85%)
- Blue (57%)



- Cyan (4%)
- Magenta (0%)
- Yellow (37%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8417, 0.3606, 0.4226 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 64.8417, 0.3606, 0.4226 by changing the saturation by 10% instead.


 64.8417, 0.3606,
0.4226


 64.8417, 0.3606,
0.4226


442.2229, 0.3393,
0.3776


 47.3327, 0.3651,
0.4331


 111.8222, 0.3535,
0.4068

 33.2988, 0.3704,
0.4461


 142.0626, 0.3506,
0.4007

 22.3554, 0.3765,
0.4626


 177.3155, 0.3481,
0.3955

 14.1183, 0.3836,
0.4839

217.9655, 0.3459,
0.3909

 8.2030, 0.3910,
0.5121

264.3968, 0.3440,
0.3870

 4.2251, 0.4049,
0.5611

316.9939, 0.3422,

 1.8003, 0.3958,

0.3835

0.6042

376.1411, 0.3407,
0.3804

0.4873, 0.1561,
0.8439

0.0000, 0.0000,
0.0000

64.8417, 0.3606,
0.4226

64.8417, 0.3606,
0.4226

63.9292, 0.3723,
0.4470

65.8908, 0.3479,
0.3970

63.1370, 0.3824,
0.4692

67.0748, 0.3348,
0.3711

62.4597, 0.3904,
0.4882

68.4029, 0.3216,
0.3458

61.8877, 0.3960,
0.5031

69.8812, 0.3088,
0.3216

■ 61.4099, 0.3989,
0.5135

■ 71.5155, 0.2965,
0.2988

■ 61.0120, 0.3994,
0.5197

■ 72.4993, 0.2923,
0.2895

■ 60.8961, 0.3993,
0.5211

■ 72.8925, 0.2940,
0.2897

■ 73.2915, 0.2956,
0.2899

■ 73.6961, 0.2973,
0.2900

Harmonies

Analogous

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



64.8417, 0.4001, 0.4040



64.8417, 0.3606, 0.4226



64.8417, 0.3102, 0.4122

Triad

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



64.8417, 0.3606, 0.4226



64.8417, 0.2190, 0.2767



64.8417, 0.3611, 0.2897

Complementary

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



64.8417, 0.3606, 0.4226



29.0194, 0.2528, 0.2201

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.



64.8417, 0.3084, 0.2612



64.8417, 0.3606, 0.4226



64.8417, 0.2297, 0.2519

Square

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



64.8417, 0.3606, 0.4226



64.8417, 0.2303, 0.3202



64.8417, 0.2610, 0.2475



64.8417, 0.4019, 0.3277

Rectangle

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



64.8417, 0.3606, 0.4226



64.8417, 0.2774, 0.3881



64.8417, 0.2610, 0.2475



64.8417, 0.3439, 0.2789

Sweetspot

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



64.8446, 0.3606, 0.4226



97.7248, 0.3271, 0.3564



36.8119, 0.3985, 0.3391



20.8610, 0.3289, 0.3599



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.



64.8446, 0.3606, 0.4226



92.4228, 0.3695, 0.4412



59.8786, 0.3302, 0.4327



15.1850, 0.3249, 0.3522



36.8845, 0.3996, 0.5209



2.4113, 0.4030, 0.5182

Inverse Universe

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



29.0194, 0.2528, 0.2201



33.8257, 0.2380, 0.1941



33.2173, 0.2869, 0.2297



12.6876, 0.2998, 0.3049



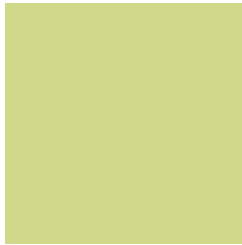
3.1779, 0.1542, 0.0623



0.2301, 0.1648, 0.0681

Previews

White Background



This preview shows how the Yxy color 64.8417, 0.3606, 0.4226 looks on a white background.

Color Contrast Check

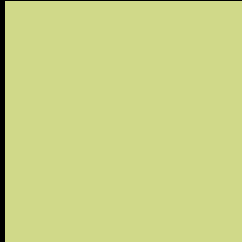
Large Text (above 18pt) WCAG AA × Fail

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 64.8417, 0.3606, 0.4226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

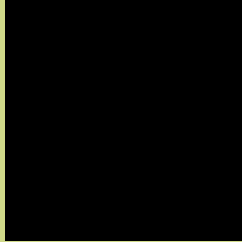
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.8417, 0.3606, 0.4226

Background



This preview shows how black text looks on a background with the Yxy color 64.8417, 0.3606, 0.4226.



This preview shows how white text looks on a background with the Yxy color 64.8417, 0.3606, 0.4226.

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

64.8417, 0.3606, 0.4226

Protanopia

64.4724, 0.3825, 0.4133

Deuteranopia

64.3622, 0.4013, 0.3927



Tritanopia

64.8588, 0.3098, 0.3113

Trichromacy



Original Color

64.8417, 0.3606, 0.4226

Protanomaly

64.7099, 0.3740, 0.4173

Deuteranomaly

64.3226, 0.3860, 0.4033

Tritanomaly

64.6904, 0.3283, 0.3508

Monochromacy



Original Color

64.8417, 0.3606, 0.4226

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.0180, 0.3310, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8417, 0.3606, 0.4226 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(208, 217, 137)` looks like.

```
.text, #text, p{  
    color:rgb(208, 217, 137)  
}
```

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(208, 217, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 217, 137) }
```

Border

The CSS property to change the border of an element to Yxy 64.8417, 0.3606, 0.4226 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(208, 217, 137) }
```

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

```
.border{ border-color:rgb(208, 217, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 217, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 217, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 217, 137);  
box-shadow:4px 4px 4px 4px rgb(208, 217,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8417, 0.3606, 0.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 217, 137) }
```

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

```
.background{ background-color: rgb(208,  
217, 137) }
```

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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