

Converting Colors

Yxy(66.4661, 0.3578, 0.4035)

Have a look what the booklet for
Yxy(66.4661, 0.3578, 0.4035)
contains.

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Color

Yxy(66.6444, 0.3577, 0.4034)

Conversions

Conversions Part 1

Format	Color
Hex	D9D998
RGB	217, 217, 152
RGB Percent	85%, 85%, 60%
CMY	0.1491, 0.1490, 0.4038
CMYK	0.00, 0.00, 0.30, 0.15
HSL	60°, 46%, 72%
HSV	60°, 30%, 85%
XYZ	59.0945, 66.6444, 39.4679
YIQ	209.5900, 20.8650, -20.2150

Conversions

Conversions Part 2

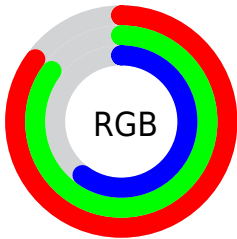
Format	Color
R _{YB}	152, 217, 152
Decimal	14277016
CIE Lab	85.32, -9.99, 32.09
CIE LCh	85, 33.614, 107.293
Yxy	66.6444, 0.3577, 0.4034
Android (android.graphics.Color)	4292467096 (0xFFD9D998)
YUV	209.5900, -28.3919, 6.4986
Hunter-Lab	81.6360, -13.6510, 28.4808

Details

The Yxy color **66.6444, 0.3577, 0.4034** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.1579, 0.2601, 0.2419**, and the grayscale version is **64.3472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **34.3378, 0.3677, 0.4220** is the 20% darker color. If you saturate the color by 10%, you get **65.9988, 0.3722, 0.4274**, and if you desaturate by 10%, it is **67.4261, 0.3426, 0.3784**.

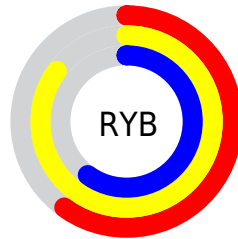
Distribution



Red (85%)

Green (85%)

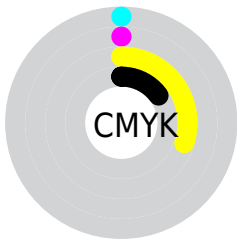
Blue (60%)



Red (60%)

Yellow (85%)

Blue (60%)

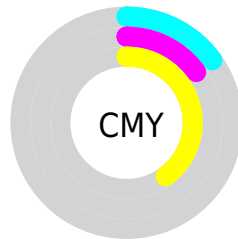


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (15%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6444, 0.3577, 0.4034 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 66.6444, 0.3577, 0.4034 by changing the saturation by 10% instead.


 66.6444, 0.3577,
0.4034

 66.6444, 0.3577,
0.4034


448.6780, 0.3372,
0.3680

 48.7957, 0.3622,
0.4116

 114.4107, 0.3507,
0.3910

 34.4574, 0.3676,
0.4218


 145.0971, 0.3480,
0.3862

 23.2452, 0.3742,
0.4347


180.8316, 0.3456,
0.3821

 14.7747, 0.3823,
0.4516

221.9984, 0.3435,
0.3785

 8.6614, 0.3923,
0.4741

268.9821, 0.3416,
0.3754

 4.5210, 0.4041,
0.5055

322.1670, 0.3400,

 1.9691, 0.4301,

0.3726

0.5699

381.9375, 0.3385,
0.3702

0.5894, 0.3492,
0.6508

0.0000, 0.0000,
0.0000

66.6444, 0.3577,
0.4034

66.6444, 0.3577,
0.4034

65.9988, 0.3722,
0.4274

67.4261, 0.3426,
0.3784

65.4733, 0.3855,
0.4494

68.3414, 0.3274,
0.3533

65.0629, 0.3971,
0.4686

69.3995, 0.3126,
0.3289

64.7592, 0.4064,
0.4840

70.6061, 0.2985,
0.3055

64.5520, 0.4131,
0.4951

71.6050, 0.2885,
0.2890

64.4298, 0.4173,
0.5020

71.6061, 0.2885,
0.2890

64.3717, 0.4193,
0.5053

71.6072, 0.2886,
0.2890

64.3715, 0.4193,
0.5053

71.6083, 0.2886,
0.2890

71.6095, 0.2886,
0.2890

Harmonies

Analogous

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



66.6444, 0.3870, 0.3871



66.6444, 0.3577, 0.4034



66.6444, 0.3175, 0.3978

Triad

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



66.6444, 0.3577, 0.4034



66.6444, 0.2360, 0.2917



66.6444, 0.3459, 0.2929

Complementary

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



66.6444, 0.3577, 0.4034



34.1579, 0.2601, 0.2419

Split Complementary

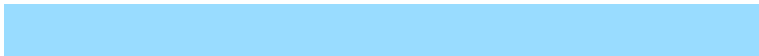
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.6444, 0.3035, 0.2707



66.6444, 0.3577, 0.4034



66.6444, 0.2423, 0.2683

Square

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



66.6444, 0.3577, 0.4034



66.6444, 0.2485, 0.3287



66.6444, 0.2661, 0.2616



66.6444, 0.3807, 0.3238

Rectangle

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



66.6444, 0.3577, 0.4034



66.6444, 0.2902, 0.3808



66.6444, 0.2661, 0.2616



66.6444, 0.3319, 0.2843

Sweetspot

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



66.6474, 0.3577, 0.4034



98.6076, 0.3261, 0.3512



39.4880, 0.3795, 0.3292



21.0614, 0.3284, 0.3549



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.



66.6474, 0.3577, 0.4034



95.4256, 0.3671, 0.4189



62.1526, 0.3323, 0.4100



15.2637, 0.3267, 0.3521



38.9640, 0.4193, 0.5053



2.5243, 0.4193, 0.5053

Inverse Universe

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



34.1579, 0.2601, 0.2419



41.2964, 0.2468, 0.2199



37.7319, 0.2871, 0.2482



12.6174, 0.2981, 0.3048



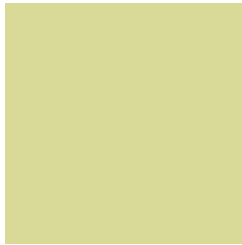
3.0330, 0.1500, 0.0600



0.1966, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 66.6444, 0.3577, 0.4034 looks on a white background.

Color Contrast Check

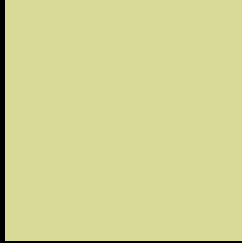
Large Text (above 18pt) WCAG AA × Fail

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 66.6444, 0.3577, 0.4034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

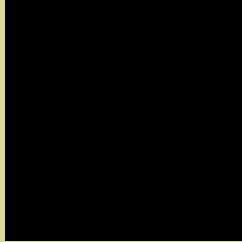
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

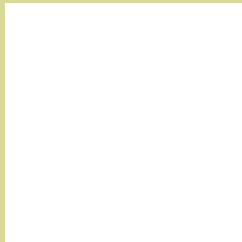
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6444, 0.3577, 0.4034

Background



This preview shows how black text looks on a background with the Yxy color 66.6444, 0.3577, 0.4034.



This preview shows how white text looks on a background with the Yxy color 66.6444, 0.3577, 0.4034.

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

66.6444, 0.3577, 0.4034

Protanopia

66.6135, 0.3709, 0.3989

Deuteranopia

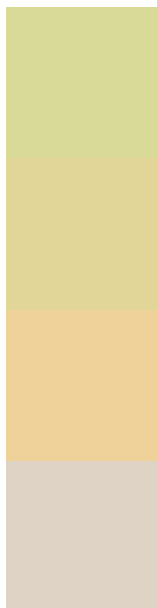
66.2477, 0.3885, 0.3804



Tritanopia

66.6623, 0.3150, 0.3117

Trichromacy



Original Color

66.6444, 0.3577, 0.4034

Protanomaly

66.3351, 0.3658, 0.3998

Deuteranomaly

66.2847, 0.3767, 0.3888

Tritanomaly

66.3537, 0.3309, 0.3436

Monochromacy



Original Color

66.6444, 0.3577, 0.4034

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.4088, 0.3294, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6444, 0.3577, 0.4034 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(217, 217, 152)` looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 152)  
}
```

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(217, 217, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 152) }
```

Border

The CSS property to change the border of an element to Yxy 66.6444, 0.3577, 0.4034 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(217, 217, 152) }
```

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

```
.border{ border-color:rgb(217, 217, 152) }
```

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

Here you see how a box with a 4 pixel rgb(217, 217, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 217, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 217, 152);  
box-shadow:4px 4px 4px 4px rgb(217, 217,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6444, 0.3577, 0.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 217, 152) }
```

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

```
.background{ background-color: rgb(217,  
217, 152) }
```

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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