

Converting Colors

$Yxy(66.4732, 0.3474, 0.4027)$

Have a look what the booklet for
Yxy(66.4732, 0.3474, 0.4027)
contains.

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Color

Yxy(66.4732, 0.3474, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	D0DB9C
RGB	208, 219, 156
RGB Percent	82%, 86%, 61%
CMY	0.1843, 0.1412, 0.3883
CMYK	0.05, 0.00, 0.29, 0.14
HSL	70°, 47%, 74%
HSV	70°, 29%, 86%
XYZ	57.3449, 66.4732, 41.2507
YIQ	208.5290, 13.6670, -21.9250

Conversions

Conversions Part 2

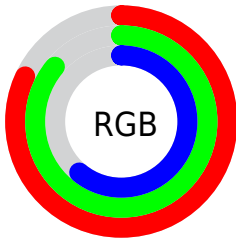
Format	Color
RYB	156, 219, 167
Decimal	13687708
CIELab	85.24, -13.87, 29.83
CIELCh	85, 32.897, 114.940
Yxy	66.4732, 0.3474, 0.4027
Android (android.graphics.Color)	4291877788 (0xFFD0DB9C)
YUV	208.5290, -25.8968, -0.4639
Hunter-Lab	81.5311, -17.1315, 27.0740

Details

The Yxy color **66.4732, 0.3474, 0.4027** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.0976, 0.2712, 0.2477**, and the grayscale version is **63.6041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **34.3227, 0.3550, 0.4215** is the 20% darker color. If you saturate the color by 10%, you get **65.2528, 0.3588, 0.4289**, and if you desaturate by 10%, it is **67.8467, 0.3354, 0.3764**.

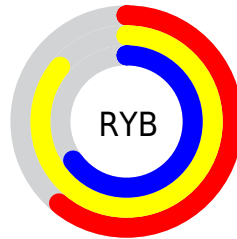
Distribution



Red (82%)

Green (86%)

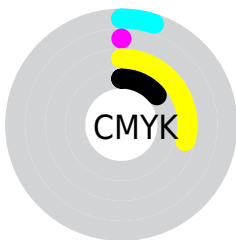
Blue (61%)



Red (61%)

Yellow (86%)

Blue (65%)

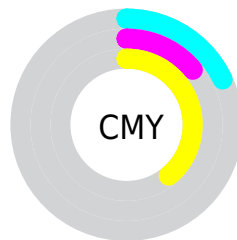


Cyan (5%)

Magenta (0%)

Yellow (29%)

Black (14%)



Cyan (18%)


Magenta (14%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4732, 0.3474, 0.4027 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 66.4732, 0.3474, 0.4027 by changing the saturation by 10% instead.

 66.4732, 0.3474,
0.4027


 66.4732, 0.3474,
0.4027


448.0673, 0.3318,
0.3673

 48.6566, 0.3508,
0.4110


 114.1652, 0.3421,
0.3902

 34.3472, 0.3548,
0.4215


 144.8095, 0.3400,
0.3854

 23.1604, 0.3597,
0.4348


180.4984, 0.3382,
0.3813

 14.7120, 0.3657,
0.4524

221.6165, 0.3366,
0.3777

 8.6175, 0.3728,
0.4765

268.5480, 0.3352,
0.3746

 4.4926, 0.3805,
0.5108

321.6774, 0.3339,

 1.9527, 0.4069,

0.3719

0.5931


381.3890, 0.3328,
0.3695

 0.5798, 0.2682,
0.7318


 0.0000, 0.0000,
0.0000


 66.4732, 0.3474,
0.4027


 66.4732, 0.3474,
0.4027


 65.2528, 0.3588,
0.4289

 67.8467, 0.3354,
0.3764


 64.1692, 0.3691,
0.4539

 69.3710, 0.3232,
0.3506

 63.2174, 0.3778,
0.4767

 71.0555, 0.3113,
0.3261

 62.3887, 0.3843,
0.4962

 72.9061, 0.2998,
0.3031

61.6730, 0.3882,
0.5116

74.2347, 0.2953,
0.2919

61.0584, 0.3896,
0.5224

74.8634, 0.2979,
0.2922

60.5268, 0.3887,
0.5290

75.5059, 0.3004,
0.2925

60.4644, 0.3885,
0.5297

76.1624, 0.3030,
0.2928

76.8329, 0.3057,
0.2930

Harmonies

Analogous

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



66.4732, 0.3798, 0.3917



66.4732, 0.3474, 0.4027



66.4732, 0.3070, 0.3910

Triad

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



66.4732, 0.3474, 0.4027



66.4732, 0.2373, 0.2852



66.4732, 0.3552, 0.3007

Complementary

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



66.4732, 0.3474, 0.4027



37.0976, 0.2712, 0.2477

Split Complementary

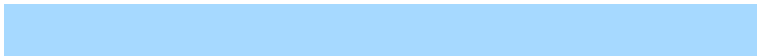
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4732, 0.3143, 0.2763



66.4732, 0.3474, 0.4027



66.4732, 0.2480, 0.2662

Square

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



66.4732, 0.3474, 0.4027



66.4732, 0.2449, 0.3187



66.4732, 0.2753, 0.2637



66.4732, 0.3853, 0.3324

Rectangle

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



66.4732, 0.3474, 0.4027



66.4732, 0.2812, 0.3712



66.4732, 0.2753, 0.2637



66.4732, 0.3421, 0.2915

Sweetspot

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



66.4762, 0.3474, 0.4027



97.8575, 0.3236, 0.3514



44.9090, 0.3725, 0.3418



20.8752, 0.3254, 0.3551



0.0000, 0.0000, 0.0000



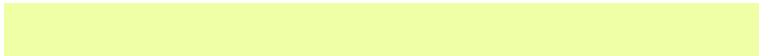
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4762, 0.3474, 0.4027



92.6895, 0.3549, 0.4198



62.4107, 0.3238, 0.4086



15.1430, 0.3240, 0.3523



35.8936, 0.3890, 0.5294



2.3562, 0.3942, 0.5252

Inverse Universe

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



37.0976, 0.2712, 0.2477



44.2643, 0.2597, 0.2264



40.8900, 0.2975, 0.2536



12.7258, 0.3008, 0.3050



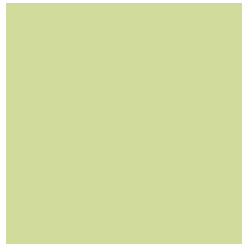
3.3125, 0.1581, 0.0645



0.2481, 0.1724, 0.0723

Previews

White Background



This preview shows how the Yxy color 66.4732, 0.3474, 0.4027 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 66.4732, 0.3474, 0.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

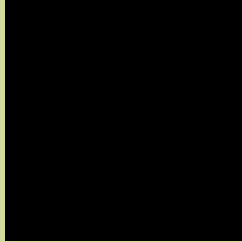
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4732, 0.3474, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 66.4732, 0.3474, 0.4027.



This preview shows how white text looks on a background with the Yxy color 66.4732, 0.3474, 0.4027.

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

66.4732, 0.3474, 0.4027

Protanopia

66.5464, 0.3679, 0.3958

Deuteranopia

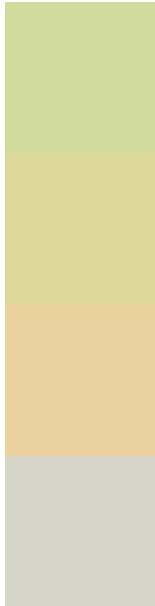
66.1982, 0.3846, 0.3765



Tritanopia

66.3359, 0.3069, 0.3114

Trichromacy



Original Color

66.4732, 0.3474, 0.4027

Protanomaly

66.3061, 0.3601, 0.3983

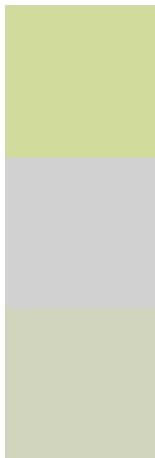
Deuteranomaly

65.7317, 0.3705, 0.3851

Tritanomaly

66.1017, 0.3217, 0.3426

Monochromacy



Original Color

66.4732, 0.3474, 0.4027

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.8615, 0.3257, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4732, 0.3474, 0.4027 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, 219, 156)` looks like.

```
.text, #text, p{  
    color:rgb(208, 219, 156)  
}
```

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, 219, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 219, 156) }
```

Border

The CSS property to change the border of an element to Yxy 66.4732, 0.3474, 0.4027 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, 219, 156) }
```

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

```
.border{ border-color:rgb(208, 219, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 219, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 219, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 219, 156);  
box-shadow:4px 4px 4px 4px rgb(208, 219,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4732, 0.3474, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 219, 156) }
```

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

```
.background{ background-color: rgb(208,  
219, 156) }
```

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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