

Converting Colors

$Yxy(66.5030, 0.3396, 0.3762)$

Have a look what the booklet for
Yxy(66.5030, 0.3396, 0.3762)
contains.

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Color

Yxy(66.5030, 0.3396, 0.3762)

Conversions

Conversions Part 1

Format	Color
Hex	D6D8AF
RGB	214, 216, 175
RGB Percent	84%, 85%, 69%
CMY	0.1607, 0.1530, 0.3136
CMYK	0.01, 0.00, 0.19, 0.15
HSL	63°, 34%, 77%
HSV	63°, 19%, 85%
XYZ	60.0330, 66.5030, 50.2396
YIQ	210.7280, 11.9690, -13.1750

Conversions

Conversions Part 2

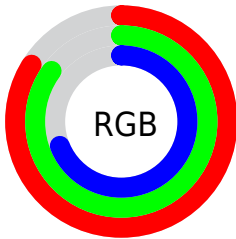
Format	Color
RYB	175, 216, 177
Decimal	14080175
CIELab	85.25, -7.44, 20.03
CIELCh	85, 21.363, 110.370
Yxy	66.5030, 0.3396, 0.3762
Android (android.graphics.Color)	4292270255 (0xFFD6D8AF)
YUV	210.7280, -17.6139, 2.8695
Hunter-Lab	81.5494, -11.3077, 20.5581

Details

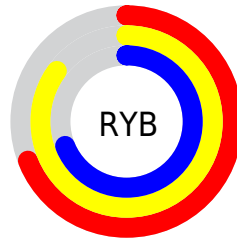
The Yxy color **66.5030, 0.3396, 0.3762** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.9714, 0.2830, 0.2775**, and the grayscale version is **65.0700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **34.2658, 0.3463, 0.3883** is the 20% darker color. If you saturate the color by 10%, you get **65.5683, 0.3539, 0.4016**, and if you desaturate by 10%, it is **67.5803, 0.3253, 0.3510**.

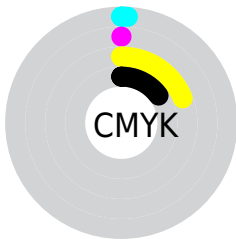
Distribution



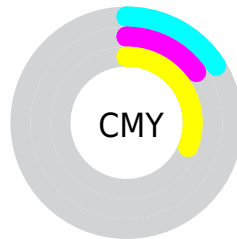
- Red (84%)
- Green (85%)
- Blue (69%)



- Red (69%)
- Yellow (85%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5030, 0.3396, 0.3762 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 66.5030, 0.3396, 0.3762 by changing the saturation by 10% instead.

66.5030, 0.3396,
0.3762

66.5030, 0.3396,
0.3762

448.1736, 0.3272,
0.3537

48.6808, 0.3424,
0.3815

114.2080, 0.3353,
0.3683

34.3664, 0.3459,
0.3881

144.8596, 0.3336,
0.3652

23.1752, 0.3502,
0.3966

180.5564, 0.3322,
0.3626

14.7229, 0.3558,
0.4079

221.6830, 0.3309,
0.3604

8.6252, 0.3632,
0.4235

268.6236, 0.3298,
0.3584

4.4975, 0.3733,
0.4464

321.7626, 0.3288,

1.9556, 0.3957,

0.3566

0.4936

381.4845, 0.3280,
0.3551

0.5815, 0.3896,
0.6104

0.0000, 0.0000,
0.0000

66.5030, 0.3396,
0.3762

66.5030, 0.3396,
0.3762

65.5683, 0.3539,
0.4016

67.5803, 0.3253,
0.3510

64.7611, 0.3676,
0.4263

68.7974, 0.3113,
0.3265

64.0771, 0.3802,
0.4493

70.1629, 0.2980,
0.3034

63.5089, 0.3911,
0.4696

71.2619, 0.2893,
0.2880

63.0480, 0.3998,
0.4864

71.4223, 0.2900,
0.2881

62.6846, 0.4060,
0.4990

71.5838, 0.2906,
0.2882

62.4075, 0.4095,
0.5072

71.7463, 0.2913,
0.2883

62.1986, 0.4108,
0.5116

71.9097, 0.2920,
0.2883

62.1785, 0.4109,
0.5119

72.0742, 0.2927,
0.2884

Harmonies

Analogous

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



66.5030, 0.3588, 0.3684



66.5030, 0.3396, 0.3762



66.5030, 0.3137, 0.3703

Triad

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



66.5030, 0.3396, 0.3762



66.5030, 0.2626, 0.3039



66.5030, 0.3367, 0.3075

Complementary

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



66.5030, 0.3396, 0.3762



44.9714, 0.2830, 0.2775

Split Complementary

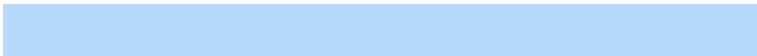
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.5030, 0.3100, 0.2919



66.5030, 0.3396, 0.3762



66.5030, 0.2680, 0.2890

Square

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



66.5030, 0.3396, 0.3762



66.5030, 0.2698, 0.3268



66.5030, 0.2850, 0.2851



66.5030, 0.3574, 0.3286

Rectangle

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



66.5030, 0.3396, 0.3762



66.5030, 0.2962, 0.3591



66.5030, 0.2850, 0.2851



66.5030, 0.3281, 0.3015

Sweetspot

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



66.5059, 0.3396, 0.3762



98.9145, 0.3212, 0.3437



48.8968, 0.3494, 0.3307



21.1475, 0.3221, 0.3454



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.



66.5059, 0.3396, 0.3762



96.2516, 0.3457, 0.3870



63.6936, 0.3244, 0.3785



14.4882, 0.3259, 0.3521



36.8190, 0.4110, 0.5118



2.2303, 0.4126, 0.5106

Inverse Universe

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



44.9714, 0.2830, 0.2775



59.0225, 0.2753, 0.2644



47.4791, 0.2990, 0.2799



12.0368, 0.2989, 0.3049



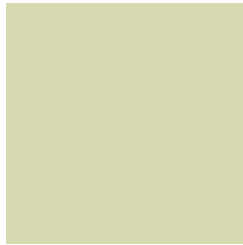
2.9875, 0.1516, 0.0609



0.1904, 0.1567, 0.0637

Previews

White Background



This preview shows how the Yxy color 66.5030, 0.3396, 0.3762 looks on a white background.

Color Contrast Check

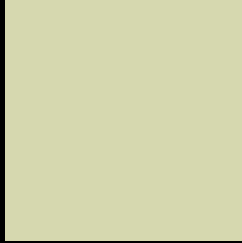
Large Text (above 18pt) WCAG AA × Fail

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 66.5030, 0.3396, 0.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

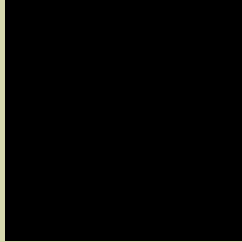
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

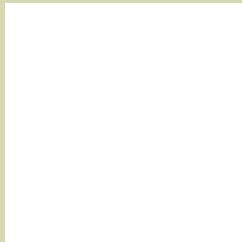
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5030, 0.3396, 0.3762

Background



This preview shows how black text looks on a background with the Yxy color 66.5030, 0.3396, 0.3762.



This preview shows how white text looks on a background with the Yxy color 66.5030, 0.3396, 0.3762.

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

66.5030, 0.3396, 0.3762

Protanopia

66.1116, 0.3505, 0.3729

Deuteranopia

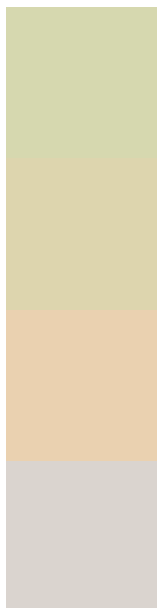
66.4298, 0.3662, 0.3590



Tritanopia

66.4641, 0.3099, 0.3104

Trichromacy



Original Color

66.5030, 0.3396, 0.3762

Protanomaly

66.0166, 0.3464, 0.3733

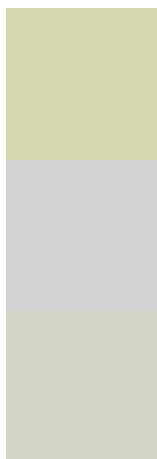
Deuteranomaly

66.2279, 0.3562, 0.3654

Tritanomaly

66.4974, 0.3206, 0.3346

Monochromacy



Original Color

66.5030, 0.3396, 0.3762

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.6628, 0.3223, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5030, 0.3396, 0.3762 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(214, 216, 175)` looks like.

```
.text, #text, p{  
    color:rgb(214, 216, 175)  
}
```

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(214, 216, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 216, 175) }
```

Border

The CSS property to change the border of an element to Yxy 66.5030, 0.3396, 0.3762 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(214, 216, 175) }
```

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

```
.border{ border-color:rgb(214, 216, 175) }
```

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

Here you see how a box with a 4 pixel rgb(214, 216, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 216, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 216, 175);  
box-shadow:4px 4px 4px 4px rgb(214, 216,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5030, 0.3396, 0.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 216, 175) }
```

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

```
.background{ background-color: rgb(214,  
216, 175) }
```

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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