

Converting Colors

Yxy(67.1360, 0.3691, 0.4254)

Have a look what the booklet for
Yxy(67.1360, 0.3691, 0.4254)
contains.

Yxy(67.1360, 0.3691, 0.4254)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.1360, 0.3691, 0.4254)

Conversions

Conversions Part 1

Format	Color
Hex	D9DB86
RGB	217, 219, 134
RGB Percent	85%, 86%, 53%
CMY	0.1490, 0.1412, 0.4746
CMYK	0.01, 0.00, 0.39, 0.14
HSL	61°, 54%, 69%
HSV	61°, 39%, 86%
XYZ	58.2508, 67.1360, 32.4317
YIQ	208.7120, 26.0930, -26.8590

Conversions

Conversions Part 2

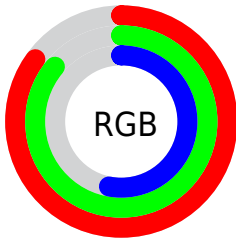
Format	Color
RYB	134, 219, 136
Decimal	14277510
CIELab	85.57, -13.10, 41.56
CIElCh	86, 43.575, 107.501
Yxy	67.1360, 0.3691, 0.4254
Android (android.graphics.Color)	4292467590 (0xFFD9DB86)
YUV	208.7120, -36.8330, 7.2686
Hunter-Lab	81.9366, -16.4887, 33.8877

Details

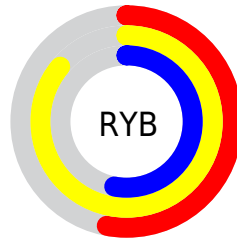
The Yxy color **67.1360, 0.3691, 0.4254** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.3886, 0.2429, 0.2115**, and the grayscale version is **63.7959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **34.7525, 0.3805, 0.4477** is the 20% darker color. If you saturate the color by 10%, you get **66.5115, 0.3822, 0.4481**, and if you desaturate by 10%, it is **67.8933, 0.3549, 0.4010**.

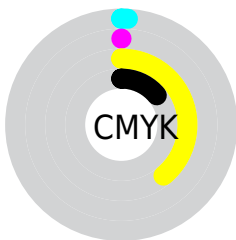
Distribution



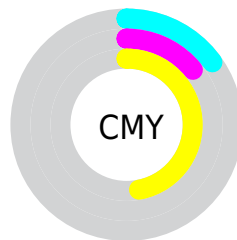
- Red (85%)
- Green (86%)
- Blue (53%)



- Red (53%)
- Yellow (86%)
- Blue (53%)



- Cyan (1%)
- Magenta (0%)
- Yellow (39%)
- Black (14%)




- Cyan (15%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1360, 0.3691, 0.4254 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 67.1360, 0.3691, 0.4254 by changing the saturation by 10% instead.

 67.1360, 0.3691,
0.4254

 67.1360, 0.3691,
0.4254


450.4287, 0.3440,
0.3797


 49.1952, 0.3744,
0.4358


 115.1153, 0.3607,
0.4095

 34.7743, 0.3805,
0.4487


 145.9225, 0.3574,
0.4033

 23.4891, 0.3877,
0.4647


 181.7873, 0.3544,
0.3980

 14.9551, 0.3960,
0.4850

223.0940, 0.3519,
0.3934

 8.7878, 0.4048,
0.5111

270.2272, 0.3496,
0.3893

 4.6031, 0.4216,
0.5570

323.5711, 0.3475,

 2.0163, 0.4123,

0.3858

0.5877

383.5101, 0.3457,
0.3826

0.6169, 0.3016,
0.6984

0.0000, 0.0000,
0.0000

67.1360, 0.3691,
0.4254

67.1360, 0.3691,
0.4254

66.5115, 0.3822,
0.4481

67.8933, 0.3549,
0.4010

66.0029, 0.3935,
0.4680

68.7816, 0.3402,
0.3758


65.6045, 0.4027,
0.4843


69.8105, 0.3254,
0.3506


65.3062, 0.4093,
0.4965

70.9862, 0.3111,
0.3262


 65.0964, 0.4133,
0.5042


 72.3146, 0.2974,
0.3030

 64.9568, 0.4151,
0.5081

 73.1148, 0.2906,
0.2914

 64.9421, 0.4152,
0.5085

 73.1950, 0.2910,
0.2914

 73.2755, 0.2913,
0.2915

 73.3562, 0.2917,
0.2915

Harmonies

Analogous

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



67.1360, 0.4076, 0.4023



67.1360, 0.3691, 0.4254



67.1360, 0.3173, 0.4196

Triad

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



67.1360, 0.3691, 0.4254



67.1360, 0.2157, 0.2796



67.1360, 0.3556, 0.2833

Complementary

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



67.1360, 0.3691, 0.4254



27.3886, 0.2429, 0.2115

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.



67.1360, 0.3006, 0.2557



67.1360, 0.3691, 0.4254



67.1360, 0.2236, 0.2512

Square

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



67.1360, 0.3691, 0.4254



67.1360, 0.2305, 0.3272



67.1360, 0.2532, 0.2439



67.1360, 0.4012, 0.3216

Rectangle

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



67.1360, 0.3691, 0.4254



67.1360, 0.2826, 0.3971



67.1360, 0.2532, 0.2439



67.1360, 0.3374, 0.2726

Sweetspot

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



67.1390, 0.3691, 0.4254



98.0478, 0.3302, 0.3588



34.2180, 0.4086, 0.3310



20.9447, 0.3322, 0.3621



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.



67.1390, 0.3691, 0.4254



94.0049, 0.3804, 0.4450



61.5077, 0.3362, 0.4370



15.2475, 0.3263, 0.3521



38.5132, 0.4153, 0.5085



2.5001, 0.4160, 0.5079

Inverse Universe

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



27.3886, 0.2429, 0.2115



29.9895, 0.2246, 0.1811



31.6111, 0.2786, 0.2222



12.6317, 0.2984, 0.3048



3.0589, 0.1508, 0.0604



0.2034, 0.1531, 0.0617

Previews

White Background



This preview shows how the Yxy color 67.1360, 0.3691, 0.4254 looks on a white background.

Color Contrast Check

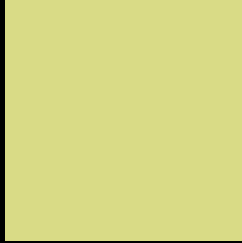
Large Text (above 18pt) WCAG AA × Fail

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 67.1360, 0.3691, 0.4254 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 67.1360, 0.3691, 0.4254

Background



This preview shows how black text looks on a background with the Yxy color 67.1360, 0.3691, 0.4254.



This preview shows how white text looks on a background with the Yxy color 67.1360, 0.3691, 0.4254.

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

67.1360, 0.3691, 0.4254

Protanopia

67.0827, 0.3853, 0.4182

Deuteranopia

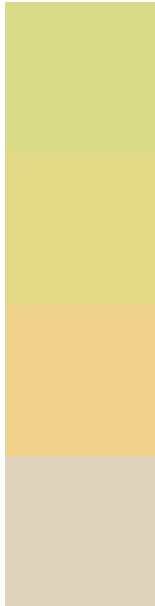
66.9058, 0.3996, 0.3930



Tritanopia

66.9875, 0.3165, 0.3118

Trichromacy



Original Color

67.1360, 0.3691, 0.4254

Protanomaly

67.1361, 0.3790, 0.4207

Deuteranomaly

66.6874, 0.3881, 0.4040

Tritanomaly

66.6958, 0.3366, 0.3525

Monochromacy



Original Color

67.1360, 0.3691, 0.4254

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.9629, 0.3336, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1360, 0.3691, 0.4254 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, 219, 134)` looks like.

```
.text, #text, p{  
    color:rgb(217, 219, 134)  
}
```

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, 219, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 219, 134) }
```

Border

The CSS property to change the border of an element to Yxy 67.1360, 0.3691, 0.4254 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, 219, 134) }
```

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

```
.border{ border-color:rgb(217, 219, 134) }
```

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

Here you see how a box with a 4 pixel rgb(217, 219, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 219, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 219, 134);  
box-shadow:4px 4px 4px 4px rgb(217, 219,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1360, 0.3691, 0.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 219, 134) }
```

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

```
.background{ background-color: rgb(217,  
219, 134) }
```

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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