

Converting Colors

Yxy(66.6344, 0.3354, 0.3690)

Have a look what the booklet for
Yxy(66.6344, 0.3354, 0.3690)
contains.

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Color

Yxy(66.7441, 0.3354, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	D6D8B5
RGB	214, 216, 181
RGB Percent	84%, 85%, 71%
CMY	0.1607, 0.1530, 0.2902
CMYK	0.01, 0.00, 0.16, 0.15
HSL	63°, 31%, 78%
HSV	63°, 16%, 85%
XYZ	60.6337, 66.7441, 53.4025
YIQ	211.4120, 10.0430, -11.3090

Conversions

Conversions Part 2

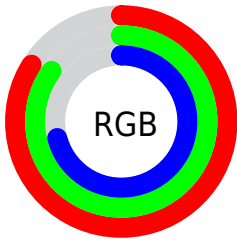
Format	Color
RYB	181, 216, 183
Decimal	14080181
CIELab	85.37, -6.54, 17.06
CIELCh	85, 18.269, 110.964
Yxy	66.7441, 0.3354, 0.3692
Android (android.graphics.Color)	4292270261 (0xFFD6D8B5)
YUV	211.4120, -14.9931, 2.2697
Hunter-Lab	81.6971, -10.4912, 18.4321

Details

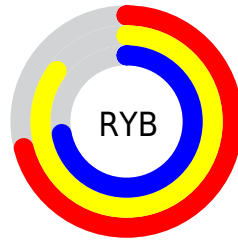
The Yxy color **66.7441, 0.3354, 0.3692** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.0693, 0.2880, 0.2858**, and the grayscale version is **65.5282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **34.4192, 0.3408, 0.3791** is the 20% darker color. If you saturate the color by 10%, you get **65.7457, 0.3496, 0.3947**, and if you desaturate by 10%, it is **67.8872, 0.3213, 0.3441**.

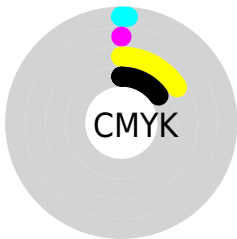
Distribution



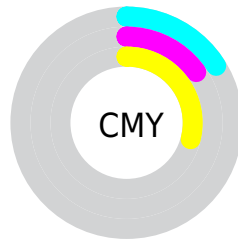
- Red (84%)
- Green (85%)
- Blue (71%)



- Red (71%)
- Yellow (85%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)




- Cyan (16%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7441, 0.3354, 0.3692 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 66.7441, 0.3354, 0.3692 by changing the saturation by 10% instead.


 66.7441, 0.3354,
0.3692

 66.7441, 0.3354,
0.3692

449.0333, 0.3249,
0.3501

 48.8767, 0.3378,
0.3737


 114.5537, 0.3318,
0.3625

 34.5217, 0.3407,
0.3793


145.2646, 0.3303,
0.3599

 23.2947, 0.3445,
0.3865


181.0255, 0.3291,
0.3576

 14.8112, 0.3493,
0.3962

222.2208, 0.3280,
0.3557

 8.6870, 0.3558,
0.4095

269.2348, 0.3271,
0.3540

 4.5376, 0.3648,
0.4293

322.4520, 0.3263,

 1.9786, 0.3805,

0.3526

0.4645

382.2567, 0.3255,
0.3512

0.5950, 0.4056,
0.5944

0.0000, 0.0000,
0.0000

66.7441, 0.3354,
0.3692

66.7441, 0.3354,
0.3692

65.7457, 0.3496,
0.3947

67.8872, 0.3213,
0.3441

64.8769, 0.3633,
0.4197

69.1721, 0.3076,
0.3200

64.1338, 0.3762,
0.4434

70.6073, 0.2946,
0.2972

63.5090, 0.3874,
0.4647

71.3735, 0.2897,
0.2881

62.9942, 0.3966,
0.4828

71.5627, 0.2905,
0.2882

62.5802, 0.4034,
0.4968

71.7531, 0.2914,
0.2883

62.2563, 0.4075,
0.5063

71.9450, 0.2922,
0.2884

62.0087, 0.4092,
0.5117

72.1383, 0.2930,
0.2885

61.9255, 0.4094,
0.5131

72.3329, 0.2938,
0.2886

Harmonies

Analogous

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



66.7441, 0.3519, 0.3630



66.7441, 0.3354, 0.3692



66.7441, 0.3132, 0.3638

Triad

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



66.7441, 0.3354, 0.3692



66.7441, 0.2697, 0.3074



66.7441, 0.3336, 0.3109

Complementary

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



66.7441, 0.3354, 0.3692



48.0693, 0.2880, 0.2858

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.



66.7441, 0.3109, 0.2972



66.7441, 0.3354, 0.3692



66.7441, 0.2746, 0.2946

Square

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



66.7441, 0.3354, 0.3692



66.7441, 0.2757, 0.3269



66.7441, 0.2894, 0.2912



66.7441, 0.3510, 0.3292

Rectangle

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



66.7441, 0.3354, 0.3692



66.7441, 0.2983, 0.3542



66.7441, 0.2894, 0.2912



66.7441, 0.3263, 0.3057

Sweetspot

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



66.7470, 0.3354, 0.3692



99.0700, 0.3197, 0.3413



51.6988, 0.3430, 0.3312



21.1780, 0.3207, 0.3430



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.



66.7470, 0.3354, 0.3692



96.7495, 0.3396, 0.3768



64.2832, 0.3223, 0.3709



14.4827, 0.3258, 0.3521



36.6707, 0.4096, 0.5130



2.2229, 0.4114, 0.5116

Inverse Universe

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



48.0693, 0.2880, 0.2858



65.2236, 0.2829, 0.2769



50.3193, 0.3017, 0.2875



12.0417, 0.2990, 0.3049



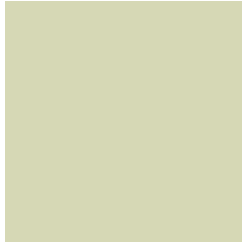
2.9966, 0.1519, 0.0610



0.1927, 0.1578, 0.0643

Previews

White Background



This preview shows how the Yxy color 66.7441, 0.3354, 0.3692 looks on a white background.

Color Contrast Check

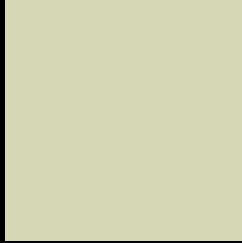
Large Text (above 18pt) WCAG AA × Fail

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 66.7441, 0.3354, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

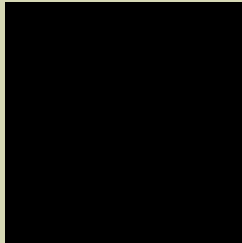
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

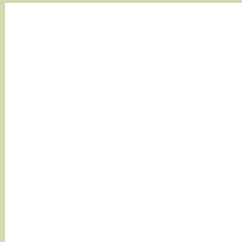
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7441, 0.3354, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 66.7441, 0.3354, 0.3692.



This preview shows how white text looks on a background with the Yxy color 66.7441, 0.3354, 0.3692.

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

66.7441, 0.3354, 0.3692

Protanopia

66.8507, 0.3459, 0.3672

Deuteranopia

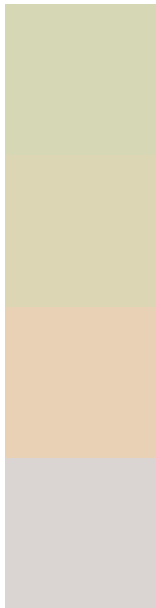
66.3146, 0.3600, 0.3527



Tritanopia

66.7998, 0.3091, 0.3115

Trichromacy



Original Color

66.7441, 0.3354, 0.3692

Protanomaly

66.7606, 0.3419, 0.3675

Deuteranomaly

66.3020, 0.3509, 0.3588

Tritanomaly

66.6455, 0.3185, 0.3313

Monochromacy



Original Color

66.7441, 0.3354, 0.3692

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.7557, 0.3209, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7441, 0.3354, 0.3692 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(214, 216, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 216, 181) }
```

Border

The CSS property to change the border of an element to Yxy 66.7441, 0.3354, 0.3692 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, 181) }
```

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

```
.border{ border-color:rgb(214, 216, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 216, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 216, 181);  
box-shadow:4px 4px 4px 4px rgb(214, 216,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7441, 0.3354, 0.3692 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, 181) }
```

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

```
.background{ background-color: rgb(214,  
216, 181) }
```

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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