

Converting Colors

$Yxy(66.7869, 0.3293, 0.3579)$

Have a look what the booklet for
Yxy(66.7869, 0.3293, 0.3579)
contains.

Yxy(66.6147, 0.3292, 0.3576)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.6147, 0.3292, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	D6D7BE
RGB	214, 215, 190
RGB Percent	84%, 84%, 75%
CMY	0.1608, 0.1568, 0.2549
CMYK	0.00, 0.00, 0.12, 0.16
HSL	62°, 24%, 79%
HSV	62°, 12%, 84%
XYZ	61.3243, 66.6147, 58.3437
YIQ	211.8510, 7.4290, -7.9870

Conversions

Conversions Part 2

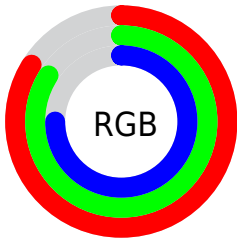
Format	Color
RYB	190, 215, 191
Decimal	14079934
CIELab	85.31, -4.63, 12.23
CIELCh	85, 13.071, 110.727
Yxy	66.6147, 0.3292, 0.3576
Android (android.graphics.Color)	4292270014 (0xFFD6D7BE)
YUV	211.8510, -10.7725, 1.8847
Hunter-Lab	81.6178, -8.7137, 14.7496

Details

The Yxy color **66.6147, 0.3292, 0.3576** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8160, 0.2952, 0.2989**, and the grayscale version is **65.8043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **34.3187, 0.3327, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **65.6143, 0.3437, 0.3829**, and if you desaturate by 10%, it is **67.7604, 0.3150, 0.3329**.

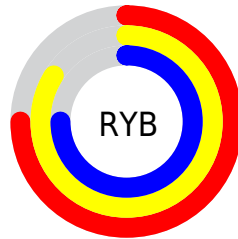
Distribution



Red (84%)

Green (84%)

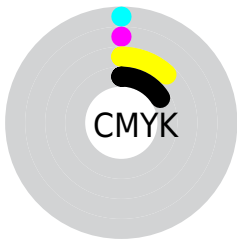
Blue (75%)



Red (75%)

Yellow (84%)

Blue (75%)

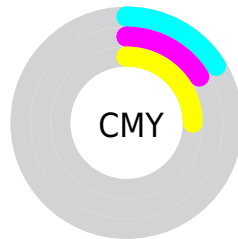


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6147, 0.3292, 0.3576 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 66.6147, 0.3292, 0.3576 by changing the saturation by 10% instead.


 66.6147, 0.3292,
0.3576

 66.6147, 0.3292,
0.3576


448.5721, 0.3215,
0.3440

 48.7716, 0.3310,
0.3608


 114.3681, 0.3265,
0.3528

 34.4383, 0.3332,
0.3648


145.0472, 0.3255,
0.3510

 23.2305, 0.3359,
0.3699


180.7738, 0.3246,
0.3494

 14.7638, 0.3396,
0.3767

221.9322, 0.3238,
0.3480

 8.6538, 0.3446,
0.3862

268.9068, 0.3231,
0.3468

 4.5161, 0.3517,
0.4005

322.0821, 0.3225,

 1.9662, 0.3627,

0.3458

0.4237

381.8424, 0.3220,
0.3449

■ 0.5877, 0.4313,
0.5687

■ 0.0000, 0.0000,
0.0000

■ 66.6147, 0.3292,
0.3576

■ 66.6147, 0.3292,
0.3576

■ 65.6143, 0.3437,
0.3829

■ 67.7604, 0.3150,
0.3329

■ 64.7443, 0.3580,
0.4081

■ 69.0482, 0.3013,
0.3094

■ 64.0011, 0.3716,
0.4323

■ 70.4865, 0.2885,
0.2873

■ 63.3778, 0.3839,
0.4546

■ 70.6523, 0.2888,
0.2869

62.8665, 0.3944,
0.4740

70.7873, 0.2894,
0.2870

62.4587, 0.4026,
0.4895

70.9230, 0.2899,
0.2870

62.1444, 0.4082,
0.5008

71.0594, 0.2905,
0.2871

61.9118, 0.4112,
0.5078

71.1965, 0.2911,
0.2872

61.7628, 0.4122,
0.5109

71.3343, 0.2917,
0.2873

Harmonies

Analogous

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



66.6147, 0.3408, 0.3535



66.6147, 0.3292, 0.3576



66.6147, 0.3134, 0.3537

Triad

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



66.6147, 0.3292, 0.3576



66.6147, 0.2816, 0.3138



66.6147, 0.3276, 0.3159

Complementary

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



66.6147, 0.3292, 0.3576



52.8160, 0.2952, 0.2989

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.



66.6147, 0.3114, 0.3059



66.6147, 0.3292, 0.3576



66.6147, 0.2852, 0.3044

Square

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



66.6147, 0.3292, 0.3576



66.6147, 0.2861, 0.3278



66.6147, 0.2959, 0.3017



66.6147, 0.3400, 0.3293

Rectangle

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



66.6147, 0.3292, 0.3576



66.6147, 0.3026, 0.3469



66.6147, 0.2959, 0.3017



66.6147, 0.3224, 0.3120

Sweetspot

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



66.6176, 0.3292, 0.3576



99.4580, 0.3169, 0.3363



55.3581, 0.3334, 0.3300



21.2578, 0.3181, 0.3383



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.



66.6176, 0.3292, 0.3576



97.6356, 0.3328, 0.3639



64.8341, 0.3199, 0.3584



14.4930, 0.3260, 0.3521



36.9502, 0.4123, 0.5108



2.2368, 0.4136, 0.5098

Inverse Universe

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



52.8160, 0.2952, 0.2989



73.3733, 0.2911, 0.2918



54.4808, 0.3048, 0.2997



12.0326, 0.2988, 0.3049



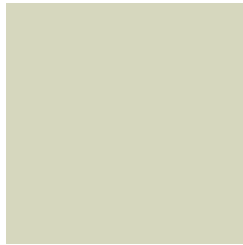
2.9795, 0.1514, 0.0608



0.1884, 0.1557, 0.0631

Previews

White Background



This preview shows how the Yxy color 66.6147, 0.3292, 0.3576 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 66.6147, 0.3292, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

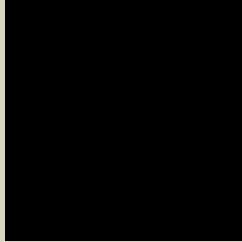
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

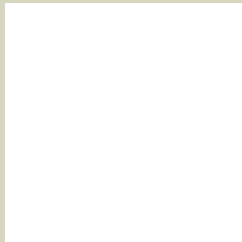
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6147, 0.3292, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 66.6147, 0.3292, 0.3576.



This preview shows how white text looks on a background with the Yxy color 66.6147, 0.3292, 0.3576.

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

66.6147, 0.3292, 0.3576

Protanopia

66.2907, 0.3365, 0.3549

Deuteranopia

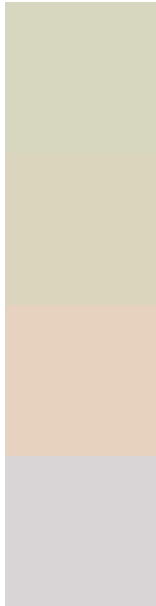
66.1692, 0.3506, 0.3431



Tritanopia

66.6442, 0.3084, 0.3115

Trichromacy



Original Color

66.6147, 0.3292, 0.3576

Protanomaly

66.3227, 0.3340, 0.3562

Deuteranomaly

66.3514, 0.3426, 0.3489

Tritanomaly

66.6428, 0.3157, 0.3279

Monochromacy



Original Color

66.6147, 0.3292, 0.3576

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0943, 0.3189, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6147, 0.3292, 0.3576 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, 215, 190)` looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 190)  
}
```

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, 215, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 190) }
```

Border

The CSS property to change the border of an element to Yxy 66.6147, 0.3292, 0.3576 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, 215, 190) }
```

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

```
.border{ border-color:rgb(214, 215, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 215, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 190);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6147, 0.3292, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 190) }
```

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

```
.background{ background-color: rgb(214,  
215, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor