

Converting Colors

Yxy(66.5658, 0.3365, 0.3656)

Have a look what the booklet for
Yxy(66.5658, 0.3365, 0.3656)
contains.

Yxy(66.7715, 0.3364, 0.3655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.7715, 0.3364, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	D9D7B7
RGB	217, 215, 183
RGB Percent	85%, 84%, 72%
CMY	0.1492, 0.1568, 0.2823
CMYK	0.00, 0.01, 0.16, 0.15
HSL	57°, 31%, 78%
HSV	57°, 16%, 85%
XYZ	61.4554, 66.7715, 54.4585
YIQ	211.9500, 11.4640, -9.5280

Conversions

Conversions Part 2

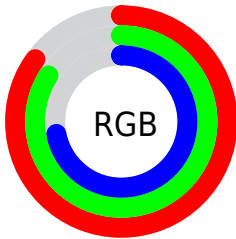
Format	Color
RYB	185, 217, 183
Decimal	14276535
CIELab	85.39, -4.66, 16.05
CIELCh	85, 16.714, 106.192
Yxy	66.7715, 0.3364, 0.3655
Android (android.graphics.Color)	4292466615 (0xFFD9D7B7)
YUV	211.9500, -14.2723, 4.4289
Hunter-Lab	81.7138, -8.7529, 17.6856

Details

The Yxy color **66.7715, 0.3364, 0.3655** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.7596, 0.2876, 0.2897**, and the grayscale version is **65.8932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **34.4347, 0.3422, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **65.3091, 0.3521, 0.3894**, and if you desaturate by 10%, it is **68.3839, 0.3211, 0.3419**.

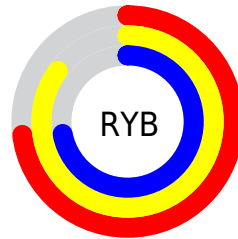
Distribution



Red (85%)

Green (84%)

Blue (72%)



Red (73%)

Yellow (85%)

Blue (72%)

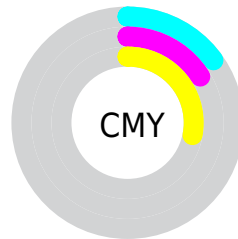


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7715, 0.3364, 0.3655 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 66.7715, 0.3364, 0.3655 by changing the saturation by 10% instead.

■ 66.7715, 0.3364,
0.3655

■ 66.7715, 0.3364,
0.3655

449.1310, 0.3254,
0.3482

■ 48.8990, 0.3389,
0.3696

■ 114.5929, 0.3326,
0.3594

■ 34.5393, 0.3421,
0.3746

145.3106, 0.3311,
0.3571

■ 23.3082, 0.3460,
0.3811

181.0788, 0.3298,
0.3551

■ 14.8213, 0.3512,
0.3897

222.2819, 0.3287,
0.3533

■ 8.6940, 0.3582,
0.4017

269.3042, 0.3277,
0.3518

■ 4.5422, 0.3681,
0.4193

322.5303, 0.3268,

■ 1.9812, 0.3845,

0.3505

0.4494

382.3444, 0.3261,
0.3493

■ 0.5965, 0.4317,
0.5683

■ 0.0000, 0.0000,
0.0000

■ 66.7715, 0.3364,
0.3655

■ 66.7715, 0.3364,
0.3655

■ 65.3091, 0.3521,
0.3894

■ 68.3839, 0.3211,
0.3419

■ 63.9814, 0.3677,
0.4128

■ 70.1434, 0.3064,
0.3193

■ 62.7846, 0.3827,
0.4350

■ 72.0585, 0.2927,
0.2978

■ 61.7111, 0.3964,
0.4548

■ 73.1441, 0.2886,
0.2922

60.7528, 0.4082,
0.4714

73.7986, 0.2887,
0.2936

59.9002, 0.4176,
0.4839

74.4578, 0.2887,
0.2949

59.1426, 0.4244,
0.4921

75.1220, 0.2888,
0.2962

58.4666, 0.4285,
0.4960

75.7910, 0.2888,
0.2976

58.1873, 0.4298,
0.4969

76.4649, 0.2889,
0.2989

Harmonies

Analogous

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



66.7715, 0.3501, 0.3585



66.7715, 0.3364, 0.3655



66.7715, 0.3166, 0.3622

Triad

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



66.7715, 0.3364, 0.3655



66.7715, 0.2734, 0.3118



66.7715, 0.3287, 0.3100

Complementary

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



66.7715, 0.3364, 0.3655



49.7596, 0.2876, 0.2897

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.



66.7715, 0.3078, 0.2984



66.7715, 0.3364, 0.3655



66.7715, 0.2764, 0.2989

Square

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



66.7715, 0.3364, 0.3655



66.7715, 0.2806, 0.3303



66.7715, 0.2887, 0.2943



66.7715, 0.3458, 0.3265

Rectangle

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



66.7715, 0.3364, 0.3655



66.7715, 0.3027, 0.3544



66.7715, 0.2887, 0.2943



66.7715, 0.3219, 0.3055

Sweetspot

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



66.7744, 0.3364, 0.3655



98.7410, 0.3202, 0.3406



52.1352, 0.3401, 0.3264



21.0977, 0.3212, 0.3422



0.0000, 0.0000, 0.0000



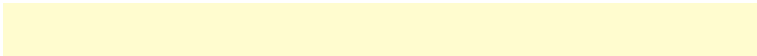
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7744, 0.3364, 0.3655



95.5059, 0.3419, 0.3739



65.6164, 0.3249, 0.3690



15.1294, 0.3268, 0.3508



35.2923, 0.4296, 0.4971



2.3261, 0.4278, 0.4985

Inverse Universe

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



49.7596, 0.2876, 0.2897



66.1807, 0.2812, 0.2797



50.8513, 0.2990, 0.2886



12.7362, 0.2981, 0.3062



3.2482, 0.1511, 0.0638



0.2535, 0.1542, 0.0752

Previews

White Background



This preview shows how the Yxy color 66.7715, 0.3364, 0.3655 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 66.7715, 0.3364, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

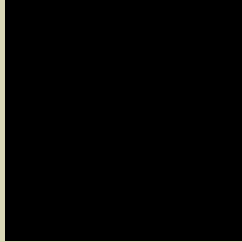
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

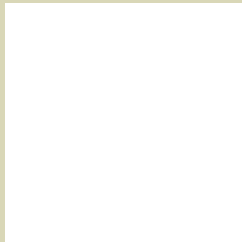
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7715, 0.3364, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 66.7715, 0.3364, 0.3655.



This preview shows how white text looks on a background with the Yxy color 66.7715, 0.3364, 0.3655.

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

66.7715, 0.3364, 0.3655

Protanopia

66.8132, 0.3430, 0.3639

Deuteranopia

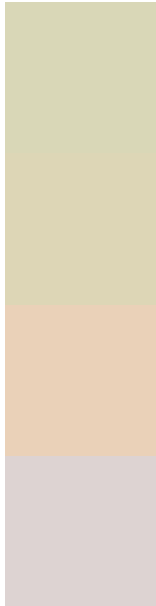
66.3985, 0.3584, 0.3505



Tritanopia

66.7251, 0.3121, 0.3116

Trichromacy



Original Color

66.7715, 0.3364, 0.3655

Protanomaly

66.8427, 0.3404, 0.3652

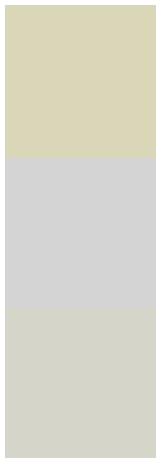
Deuteranomaly

66.5540, 0.3502, 0.3565

Tritanomaly

66.6138, 0.3209, 0.3301

Monochromacy



Original Color

66.7715, 0.3364, 0.3655

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1017, 0.3217, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7715, 0.3364, 0.3655 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, 215, 183)` looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 183)  
}
```

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, 215, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 183) }
```

Border

The CSS property to change the border of an element to Yxy 66.7715, 0.3364, 0.3655 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, 215, 183) }
```

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

```
.border{ border-color:rgb(217, 215, 183) }
```

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

Here you see how a box with a 4 pixel rgb(217, 215, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 215, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 215, 183);  
box-shadow:4px 4px 4px 4px rgb(217, 215,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7715, 0.3364, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 183) }
```

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

```
.background{ background-color: rgb(217,  
215, 183) }
```

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