

Converting Colors

$Yxy(66.1415, 0.3381, 0.3722)$

Have a look what the booklet for
Yxy(66.1415, 0.3381, 0.3722)
contains.

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Color

Yxy(66.1114, 0.3377, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	D6D7B2
RGB	214, 215, 178
RGB Percent	84%, 84%, 70%
CMY	0.1606, 0.1569, 0.3019
CMYK	0.00, 0.00, 0.17, 0.16
HSL	62°, 32%, 77%
HSV	62°, 17%, 84%
XYZ	60.0802, 66.1114, 51.7185
YIQ	210.4830, 11.2810, -11.7190

Conversions

Conversions Part 2

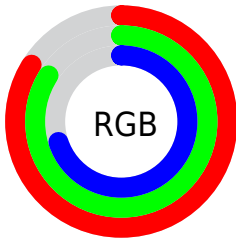
Format	Color
RYB	178, 215, 179
Decimal	14079922
CIELab	85.05, -6.47, 18.18
CIELCh	85, 19.297, 109.574
Yxy	66.1114, 0.3377, 0.3716
Android (android.graphics.Color)	4292270002 (0xFFD6D7B2)
YUV	210.4830, -16.0141, 3.0844
Hunter-Lab	81.3089, -10.3946, 19.2034

Details

The Yxy color **66.1114, 0.3377, 0.3716** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.3280, 0.2854, 0.2827**, and the grayscale version is **64.8914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **33.9932, 0.3438, 0.3823** is the 20% darker color. If you saturate the color by 10%, you get **65.2356, 0.3524, 0.3968**, and if you desaturate by 10%, it is **67.1287, 0.3230, 0.3466**.

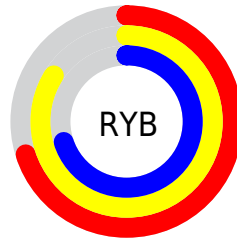
Distribution



Red (84%)

Green (84%)

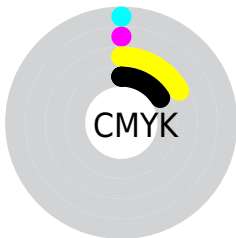
Blue (70%)



Red (70%)

Yellow (84%)

Blue (70%)

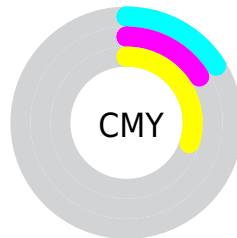


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1114, 0.3377, 0.3716 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 66.1114, 0.3377, 0.3716 by changing the saturation by 10% instead.

■ 66.1114, 0.3377,
0.3716

■ 66.1114, 0.3377,
0.3716

446.7752, 0.3261,
0.3513

■ 48.3628, 0.3403,
0.3764

■ 113.6462, 0.3337,
0.3644

■ 34.1143, 0.3436,
0.3823

144.2012, 0.3321,
0.3617

■ 22.9814, 0.3477,
0.3900

179.7939, 0.3308,
0.3593

■ 14.5798, 0.3530,
0.4002

220.8086, 0.3296,
0.3573

■ 8.5250, 0.3602,
0.4144

267.6296, 0.3286,
0.3555

■ 4.4327, 0.3701,
0.4354

320.6415, 0.3276,

■ 1.9184, 0.3897,

0.3539

0.4756

380.2285, 0.3268,
0.3525

0.5594, 0.4006,
0.5994

0.0000, 0.0000,
0.0000

66.1114, 0.3377,
0.3716

66.1114, 0.3377,
0.3716

65.2356, 0.3524,
0.3968

67.1287, 0.3230,
0.3466

64.4861, 0.3667,
0.4215

68.2846, 0.3088,
0.3223

63.8593, 0.3799,
0.4445

69.5875, 0.2953,
0.2994

63.3476, 0.3916,
0.4650

70.4489, 0.2879,
0.2868

62.9428, 0.4011,
0.4820

70.5319, 0.2883,
0.2868

62.6356, 0.4081,
0.4949

70.6152, 0.2887,
0.2869

62.4153, 0.4126,
0.5034

70.6987, 0.2890,
0.2869

62.2672, 0.4145,
0.5079

70.7826, 0.2894,
0.2870

62.2317, 0.4149,
0.5088

70.8667, 0.2897,
0.2870

Harmonies

Analogous

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



66.1114, 0.3548, 0.3644



66.1114, 0.3377, 0.3716



66.1114, 0.3143, 0.3665

Triad

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



66.1114, 0.3377, 0.3716



66.1114, 0.2672, 0.3068



66.1114, 0.3338, 0.3090

Complementary

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



66.1114, 0.3377, 0.3716



46.3280, 0.2854, 0.2827

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.



66.1114, 0.3097, 0.2949



66.1114, 0.3377, 0.3716



66.1114, 0.2719, 0.2930

Square

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



66.1114, 0.3377, 0.3716



66.1114, 0.2741, 0.3278



66.1114, 0.2871, 0.2890



66.1114, 0.3527, 0.3282

Rectangle

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



66.1114, 0.3377, 0.3716



66.1114, 0.2984, 0.3566



66.1114, 0.2871, 0.2890



66.1114, 0.3260, 0.3036

Sweetspot

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



66.1143, 0.3377, 0.3716



99.1448, 0.3199, 0.3413



49.7511, 0.3454, 0.3298



21.1963, 0.3209, 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.



66.1143, 0.3377, 0.3716



96.7625, 0.3436, 0.3817



63.5302, 0.3238, 0.3735



14.5032, 0.3263, 0.3521



37.2338, 0.4150, 0.5087



2.2509, 0.4158, 0.5081

Inverse Universe

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



46.3280, 0.2854, 0.2827



61.8723, 0.2782, 0.2706



48.6368, 0.2999, 0.2847



12.0235, 0.2985, 0.3049



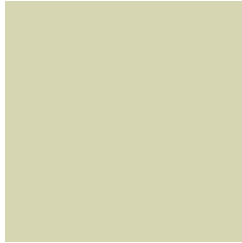
2.9624, 0.1509, 0.0605



0.1841, 0.1536, 0.0620

Previews

White Background



This preview shows how the Yxy color 66.1114, 0.3377, 0.3716 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 66.1114, 0.3377, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

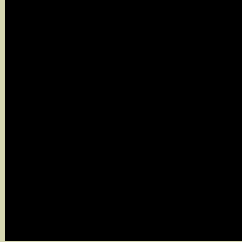
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

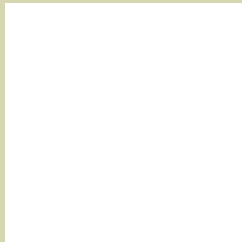
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1114, 0.3377, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 66.1114, 0.3377, 0.3716.



This preview shows how white text looks on a background with the Yxy color 66.1114, 0.3377, 0.3716.

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

66.1114, 0.3377, 0.3716

Protanopia

66.0688, 0.3475, 0.3696

Deuteranopia

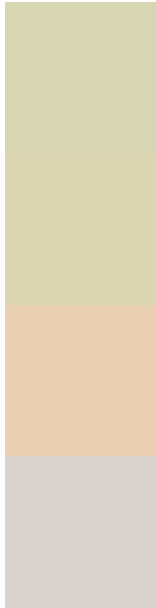
65.7141, 0.3626, 0.3549



Tritanopia

65.7636, 0.3099, 0.3104

Trichromacy



Original Color

66.1114, 0.3377, 0.3716

Protanomaly

65.9785, 0.3434, 0.3700

Deuteranomaly

65.6901, 0.3534, 0.3611

Tritanomaly

66.0480, 0.3200, 0.3324

Monochromacy



Original Color

66.1114, 0.3377, 0.3716

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.0131, 0.3217, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1114, 0.3377, 0.3716 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 178) }
```

Border

The CSS property to change the border of an element to Yxy 66.1114, 0.3377, 0.3716 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, 178) }
```

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

```
.border{ border-color:rgb(214, 215, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 178);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1114, 0.3377, 0.3716 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, 178) }
```

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

```
.background{ background-color: rgb(214,  
215, 178) }
```

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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