

Converting Colors

Yxy(66.4370, 0.3174, 0.3523)

Have a look what the booklet for
Yxy(66.4370, 0.3174, 0.3523)
contains.

Yxy(66.6361, 0.3174, 0.3522)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.6361, 0.3174, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	CDD9C5
RGB	205, 217, 197
RGB Percent	80%, 85%, 77%
CMY	0.1964, 0.1489, 0.2275
CMYK	0.06, 0.00, 0.09, 0.15
HSL	96°, 21%, 81%
HSV	96°, 9%, 85%
XYZ	60.0520, 66.6361, 62.5115
YIQ	211.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

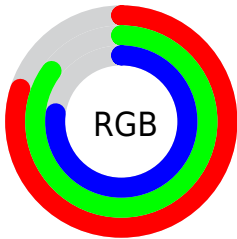
Format	Color
RYB	197, 217, 209
Decimal	13490629
CIELab	85.32, -7.68, 8.46
CIElCh	85, 11.430, 132.225
Yxy	66.6361, 0.3174, 0.3522
Android (android.graphics.Color)	4291680709 (0xFFCDD9C5)
YUV	211.1320, -6.9671, -5.3778
Hunter-Lab	81.6309, -11.5403, 11.7384

Details

The Yxy color **66.6361, 0.3174, 0.3522** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5051, 0.3076, 0.3060**, and the grayscale version is **65.2748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **34.4031, 0.3190, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **63.9298, 0.3223, 0.3796**, and if you desaturate by 10%, it is **69.6473, 0.3123, 0.3272**.

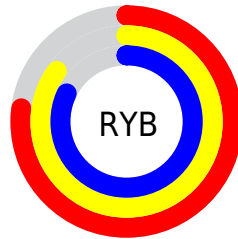
Distribution



Red (80%)

Green (85%)

Blue (77%)



Red (77%)

Yellow (85%)

Blue (82%)

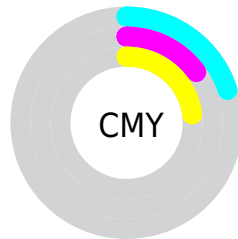


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (15%)



Cyan (20%)

Magenta (15%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6361, 0.3174, 0.3522 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 66.6361, 0.3174, 0.3522 by changing the saturation by 10% instead.

■ 66.6361, 0.3174,
0.3522

■ 66.6361, 0.3174,
0.3522

448.6484, 0.3153,
0.3411

■ 48.7890, 0.3179,
0.3548

114.3988, 0.3167,
0.3483

■ 34.4521, 0.3185,
0.3581

145.0832, 0.3164,
0.3468

■ 23.2411, 0.3192,
0.3623

180.8154, 0.3161,
0.3455

■ 14.7717, 0.3201,
0.3680

221.9799, 0.3159,
0.3444

■ 8.6593, 0.3214,
0.3759

268.9611, 0.3157,
0.3434

■ 4.5196, 0.3230,
0.3879

322.1433, 0.3156,

■ 1.9683, 0.3254,

0.3426

0.4081

381.9109, 0.3154,
0.3418

0.5889, 0.3683,
0.5827

0.0000, 0.0000,
0.0000

66.6361, 0.3174,
0.3522

66.6361, 0.3174,
0.3522

63.9298, 0.3223,
0.3796

69.6473, 0.3123,
0.3272

61.5100, 0.3269,
0.4092

72.9642, 0.3073,
0.3046

59.3690, 0.3308,
0.4401

76.1333, 0.3070,
0.2912

57.4956, 0.3337,
0.4715

78.1191, 0.3144,
0.2921

■ 55.8778, 0.3352,
0.5018

■ 54.5026, 0.3349,
0.5294

■ 53.3553, 0.3327,
0.5524

■ 52.4194, 0.3287,
0.5696

■ 51.6706, 0.3234,
0.5810

Harmonies

Analogous

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



66.6361, 0.3306, 0.3536



66.6361, 0.3174, 0.3522



66.6361, 0.3032, 0.3441

Triad

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



66.6361, 0.3174, 0.3522



66.6361, 0.2870, 0.3093



66.6361, 0.3340, 0.3258

Complementary

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



66.6361, 0.3174, 0.3522



58.5051, 0.3076, 0.3060

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.



66.6361, 0.3219, 0.3146



66.6361, 0.3174, 0.3522



66.6361, 0.2948, 0.3051

Square

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



66.6361, 0.3174, 0.3522



66.6361, 0.2859, 0.3190



66.6361, 0.3076, 0.3071



66.6361, 0.3403, 0.3380

Rectangle

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



66.6361, 0.3174, 0.3522



66.6361, 0.2951, 0.3361



66.6361, 0.3076, 0.3071



66.6361, 0.3305, 0.3218

Sweetspot

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



66.6390, 0.3174, 0.3522



98.6518, 0.3143, 0.3364



64.3924, 0.3273, 0.3427



21.0399, 0.3147, 0.3384



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.



66.6390, 0.3174, 0.3522



95.2524, 0.3183, 0.3572



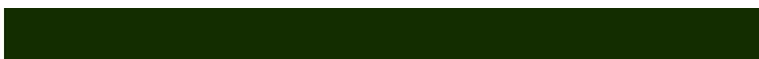
65.6308, 0.3103, 0.3502



14.8567, 0.3175, 0.3527



31.2964, 0.3240, 0.5809



2.0767, 0.3370, 0.5707

Inverse Universe

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



58.5051, 0.3076, 0.3060



81.3426, 0.3065, 0.3012



59.5898, 0.3152, 0.3087



13.0040, 0.3075, 0.3055



6.0156, 0.2244, 0.1010



0.4392, 0.2399, 0.1095

Previews

White Background



This preview shows how the Yxy color 66.6361, 0.3174, 0.3522 looks on a white background.

Color Contrast Check

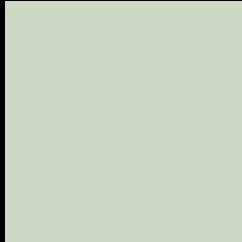
Large Text (above 18pt) WCAG AA × Fail

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 66.6361, 0.3174, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

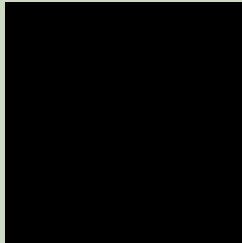
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

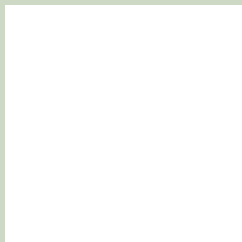
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6361, 0.3174, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 66.6361, 0.3174, 0.3522.

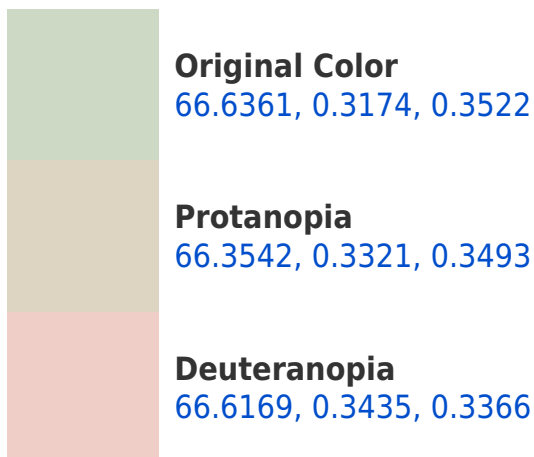


This preview shows how white text looks on a background with the Yxy color 66.6361, 0.3174, 0.3522.

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





Tritanopia

66.4457, 0.2999, 0.3101

Trichromacy



Original Color

66.6361, 0.3174, 0.3522

Protanomaly

66.4803, 0.3266, 0.3506

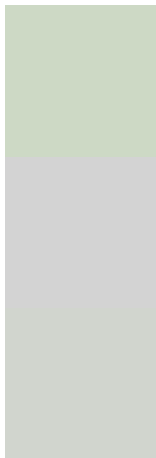
Deuteranomaly

66.5013, 0.3342, 0.3423

Tritanomaly

66.5128, 0.3064, 0.3256

Monochromacy



Original Color

66.6361, 0.3174, 0.3522

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.6000, 0.3146, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6361, 0.3174, 0.3522 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(205, 217, 197)` looks like.

```
.text, #text, p{  
    color:rgb(205, 217, 197)  
}
```

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(205, 217, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 217, 197) }
```

Border

The CSS property to change the border of an element to Yxy 66.6361, 0.3174, 0.3522 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(205, 217, 197) }
```

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

```
.border{ border-color:rgb(205, 217, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 217, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 217, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 217, 197);  
box-shadow:4px 4px 4px 4px rgb(205, 217,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6361, 0.3174, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 217, 197) }
```

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

```
.background{ background-color: rgb(205,  
217, 197) }
```

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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