

Converting Colors

$Yxy(71.7686, 0.3257, 0.3597)$

Have a look what the booklet for
Yxy(71.7686, 0.3257, 0.3597)
contains.

Yxy(71.8958, 0.3255, 0.3604)	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(71.8958, 0.3255, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	D8E0C4
RGB	216, 224, 196
RGB Percent	85%, 88%, 77%
CMY	0.1530, 0.1215, 0.2315
CMYK	0.04, 0.00, 0.13, 0.12
HSL	77°, 31%, 82%
HSV	77°, 13%, 88%
XYZ	64.9336, 71.8958, 62.6595
YIQ	218.4160, 4.2200, -10.4040

Conversions

Conversions Part 2

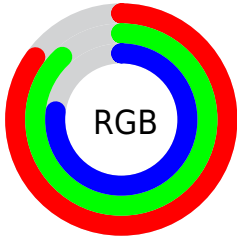
Format	Color
R _Y B	196, 224, 204
Decimal	14213316
CIE Lab	87.92, -7.56, 12.81
CIE LCh	88, 14.877, 120.535
Yxy	71.8958, 0.3255, 0.3604
Android (android.graphics.Color)	4292403396 (0xFFD8E0C4)
YUV	218.4160, -11.0511, -2.1188
Hunter-Lab	84.7914, -11.6888, 15.5396

Details

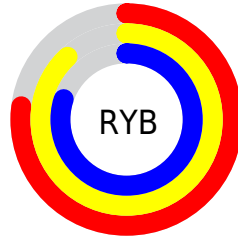
The Yxy color **71.8958, 0.3255, 0.3604** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.6832, 0.2988, 0.2968**, and the grayscale version is **70.4884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **37.9060, 0.3285, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **69.9975, 0.3357, 0.3870**, and if you desaturate by 10%, it is **73.9907, 0.3153, 0.3351**.

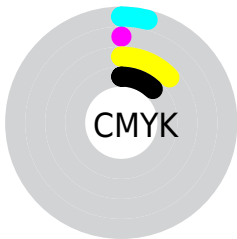
Distribution



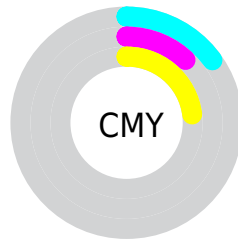
- Red (85%)
- Green (88%)
- Blue (77%)



- Red (77%)
- Yellow (88%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8958, 0.3255, 0.3604 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 71.8958, 0.3255, 0.3604 by changing the saturation by 10% instead.

■ 71.8958, 0.3255,
0.3604

■ 71.8958, 0.3255,
0.3604

467.1788, 0.3197,
0.3456

■ 53.0736, 0.3268,
0.3638

121.9084, 0.3235,
0.3552

■ 37.8615, 0.3284,
0.3681

153.8675, 0.3227,
0.3532

■ 25.8752, 0.3304,
0.3736

190.9744, 0.3220,
0.3515

■ 16.7303, 0.3330,
0.3808

233.6134, 0.3214,
0.3500

■ 10.0424, 0.3364,
0.3909

282.1690, 0.3209,
0.3487

■ 5.4271, 0.3412,
0.4056

337.0255, 0.3205,

■ 2.5000, 0.3480,

0.3476

0.4294

398.5673, 0.3200,
0.3465

0.8766, 0.4095,
0.5534

0.0000, 0.0000,
0.0000

71.8958, 0.3255,
0.3604

71.8958, 0.3255,
0.3604

69.9975, 0.3357,
0.3870

73.9907, 0.3153,
0.3351

68.2791, 0.3456,
0.4145

76.2796, 0.3053,
0.3115

66.7363, 0.3547,
0.4418

78.2343, 0.3007,
0.2977

65.3607, 0.3624,
0.4680

79.3454, 0.3050,
0.2981

■ 64.1433, 0.3683,
0.4919

■ 80.4962, 0.3094,
0.2985

■ 63.0738, 0.3718,
0.5123

■ 81.6871, 0.3137,
0.2989

■ 62.1407, 0.3729,
0.5283

■ 81.7969, 0.3141,
0.2990

■ 61.3301, 0.3714,
0.5395

■ 60.7871, 0.3690,
0.5452

Harmonies

Analogous

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



71.8958, 0.3405, 0.3585



71.8958, 0.3255, 0.3604



71.8958, 0.3074, 0.3532

Triad

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



71.8958, 0.3255, 0.3604



71.8958, 0.2786, 0.3080



71.8958, 0.3344, 0.3190

Complementary

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



71.8958, 0.3255, 0.3604



57.6832, 0.2988, 0.2968

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.



71.8958, 0.3173, 0.3065



71.8958, 0.3255, 0.3604



71.8958, 0.2853, 0.2999

Square

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



71.8958, 0.3255, 0.3604



71.8958, 0.2807, 0.3222



71.8958, 0.2993, 0.2995



71.8958, 0.3458, 0.3343

Rectangle

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



71.8958, 0.3255, 0.3604



71.8958, 0.2961, 0.3442



71.8958, 0.2993, 0.2995



71.8958, 0.3291, 0.3144

Sweetspot

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



71.8989, 0.3255, 0.3604



98.8115, 0.3168, 0.3388



62.9777, 0.3342, 0.3380



21.1029, 0.3176, 0.3407



0.0000, 0.0000, 0.0000



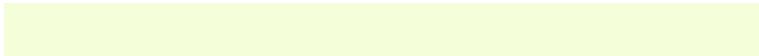
21.4041, 0.3127, 0.3290

Same Dimension

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



71.8989, 0.3255, 0.3604



95.7614, 0.3282, 0.3672



69.8637, 0.3155, 0.3614



15.8224, 0.3223, 0.3525



35.4398, 0.3698, 0.5446



2.5012, 0.3777, 0.5383

Inverse Universe

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



57.6832, 0.2988, 0.2968



73.1595, 0.2956, 0.2896



59.7433, 0.3095, 0.2978



13.4321, 0.3025, 0.3051



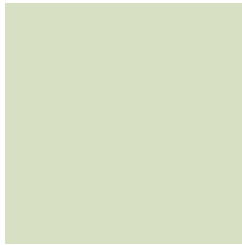
3.8185, 0.1688, 0.0703



0.3093, 0.1851, 0.0794

Previews

White Background



This preview shows how the Yxy color 71.8958, 0.3255, 0.3604 looks on a white background.

Color Contrast Check

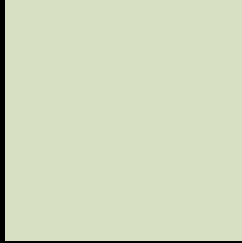
Large Text (above 18pt) WCAG AA × Fail

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 71.8958, 0.3255, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

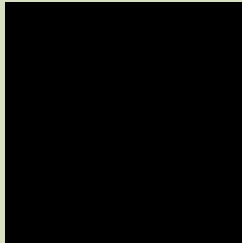
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

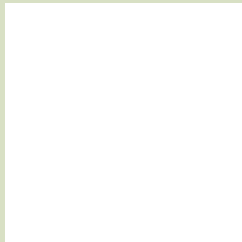
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8958, 0.3255, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 71.8958, 0.3255, 0.3604.

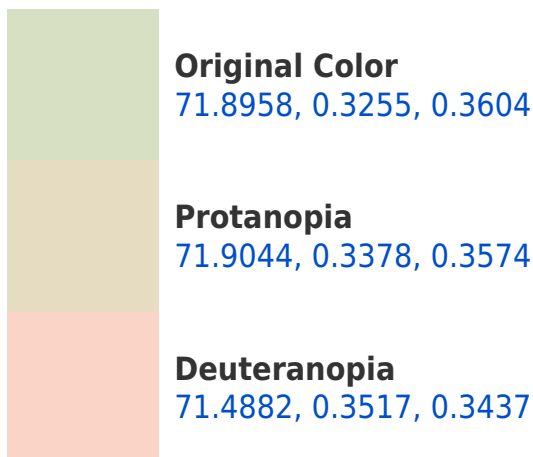


This preview shows how white text looks on a background with the Yxy color 71.8958, 0.3255, 0.3604.

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

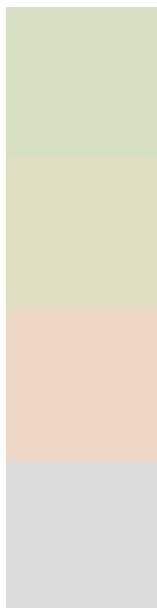




Tritanopia

71.7285, 0.3037, 0.3098

Trichromacy



Original Color

71.8958, 0.3255, 0.3604

Protanomaly

71.6606, 0.3332, 0.3577

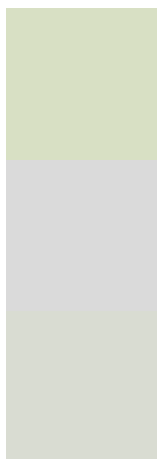
Deuteranomaly

71.3201, 0.3424, 0.3494

Tritanomaly

71.6225, 0.3121, 0.3279

Monochromacy



Original Color

71.8958, 0.3255, 0.3604

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5913, 0.3172, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8958, 0.3255, 0.3604 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(216, 224, 196)` looks like.

```
.text, #text, p{  
    color:rgb(216, 224, 196)  
}
```

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(216, 224, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 224, 196) }
```

Border

The CSS property to change the border of an element to Yxy 71.8958, 0.3255, 0.3604 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(216, 224, 196) }
```

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

```
.border{ border-color:rgb(216, 224, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 224, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 224, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 224, 196); box-shadow:4px 4px 4px 4px rgb(216, 224, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8958, 0.3255, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 224, 196) }
```

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

```
.background{ background-color: rgb(216,  
224, 196) }
```

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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