

Converting Colors

$Yxy(75.6131, 0.3228, 0.3480)$

Have a look what the booklet for
Yxy(75.6131, 0.3228, 0.3480)
contains.

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Color

Yxy(75.5492, 0.3230, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	E1E3D1
RGB	225, 227, 209
RGB Percent	88%, 89%, 82%
CMY	0.1178, 0.1097, 0.1804
CMYK	0.01, 0.00, 0.08, 0.11
HSL	67°, 24%, 85%
HSV	67°, 8%, 89%
XYZ	70.0212, 75.5492, 71.2135
YIQ	224.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

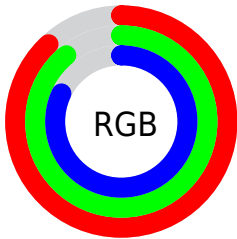
Format	Color
RYB	209, 227, 211
Decimal	14803921
CIELab	89.65, -3.81, 8.55
CIELCh	90, 9.358, 114.006
Yxy	75.5492, 0.3230, 0.3485
Android (android.graphics.Color)	4292994001 (0xFFE1E3D1)
YUV	224.3500, -7.5675, 0.5701
Hunter-Lab	86.9190, -8.3103, 12.2665

Details

The Yxy color **75.5492, 0.3230, 0.3485** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0049, 0.3020, 0.3089**, and the grayscale version is **74.8561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4177, 0.3253, 0.3530** is the 20% darker color. If you saturate the color by 10%, you get **74.0952, 0.3362, 0.3740**, and if you desaturate by 10%, it is **77.1763, 0.3101, 0.3241**.

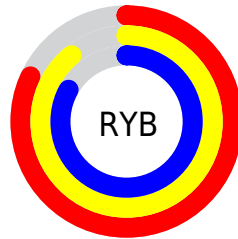
Distribution



Red (88%)

Green (89%)

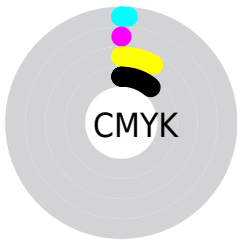
Blue (82%)



Red (82%)

Yellow (89%)

Blue (83%)

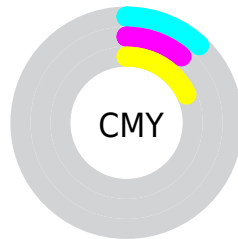


Cyan (1%)

Magenta (0%)

Yellow (8%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5492, 0.3230, 0.3485 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 75.5492, 0.3230, 0.3485 by changing the saturation by 10% instead.

■ 75.5492, 0.3230,
0.3485

■ 75.5492, 0.3230,
0.3485

479.8031, 0.3183,
0.3395

■ 56.0629, 0.3241,
0.3506

127.0895, 0.3214,
0.3454

■ 40.2534, 0.3254,
0.3531

159.9123, 0.3207,
0.3441

■ 27.7362, 0.3270,
0.3564

197.9494, 0.3202,
0.3431

■ 18.1269, 0.3291,
0.3606

241.5852, 0.3197,
0.3422

■ 11.0411, 0.3320,
0.3665

291.2040, 0.3193,
0.3414

■ 6.0945, 0.3360,
0.3749

347.1904, 0.3189,

■ 2.9026, 0.3422,

0.3407

0.3881

409.9286, 0.3186,
0.3400

■ 1.0811, 0.3597,
0.4204

■ 0.0000, 0.0000,
0.0000

■ 75.5492, 0.3230,
0.3485

■ 75.5492, 0.3230,
0.3485

■ 74.0952, 0.3362,
0.3740

■ 77.1763, 0.3101,
0.3241

■ 72.7977, 0.3494,
0.3999


■ 78.9729, 0.2978,
0.3011


■ 71.6526, 0.3620,
0.4255

■ 79.4418, 0.2991,
0.3006

■ 70.6522, 0.3736,
0.4498


■ 79.8787, 0.3008,
0.3008

 69.7879, 0.3835,
0.4717

 80.3220, 0.3025,
0.3009

 69.0503, 0.3912,
0.4903

 80.7717, 0.3042,
0.3011


 68.4284, 0.3965,
0.5047

 81.2279, 0.3059,
0.3012

 67.9097, 0.3991,
0.5146

 81.6905, 0.3077,
0.3014

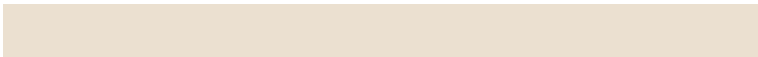
 67.4766, 0.3993,
0.5203

 82.1596, 0.3094,
0.3015

Harmonies

Analogous

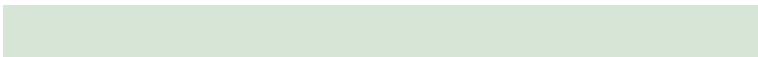
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5492, 0.3314, 0.3464



75.5492, 0.3230, 0.3485



75.5492, 0.3120, 0.3452

Triad

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



75.5492, 0.3230, 0.3485



75.5492, 0.2912, 0.3178



75.5492, 0.3241, 0.3209

Complementary

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



75.5492, 0.3230, 0.3485



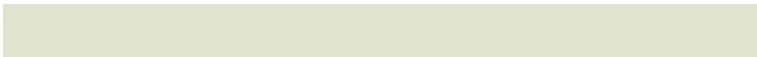
65.0049, 0.3020, 0.3089

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.



75.5492, 0.3131, 0.3136



75.5492, 0.3230, 0.3485



75.5492, 0.2943, 0.3116

Square

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



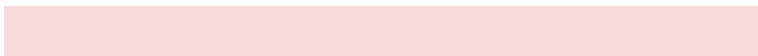
75.5492, 0.3230, 0.3485



75.5492, 0.2938, 0.3272



75.5492, 0.3023, 0.3102



75.5492, 0.3320, 0.3304

Rectangle

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



75.5492, 0.3230, 0.3485



75.5492, 0.3047, 0.3403



75.5492, 0.3023, 0.3102



75.5492, 0.3206, 0.3181

Sweetspot

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



75.5525, 0.3230, 0.3485



99.5660, 0.3153, 0.3339



67.4277, 0.3262, 0.3310



21.3158, 0.3152, 0.3336



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.



75.5525, 0.3230, 0.3485



97.9193, 0.3258, 0.3539



74.1807, 0.3168, 0.3489



16.7296, 0.3250, 0.3523



39.3298, 0.3995, 0.5210



2.9301, 0.4026, 0.5185

Inverse Universe

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



65.0049, 0.3020, 0.3089



80.7585, 0.2989, 0.3032



66.3347, 0.3083, 0.3093



13.9652, 0.2998, 0.3048



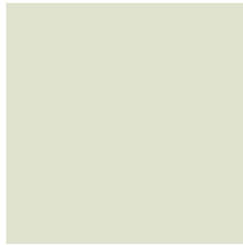
3.3863, 0.1542, 0.0623



0.2764, 0.1636, 0.0675

Previews

White Background



This preview shows how the Yxy color 75.5492, 0.3230, 0.3485 looks on a white background.

Color Contrast Check

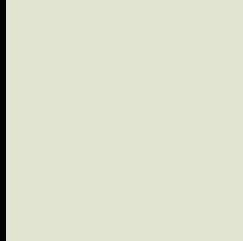
Large Text (above 18pt) WCAG AA × Fail

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 75.5492, 0.3230, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

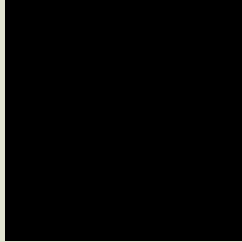
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

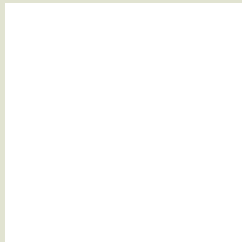
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5492, 0.3230, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 75.5492, 0.3230, 0.3485.



This preview shows how white text looks on a background with the Yxy color 75.5492, 0.3230, 0.3485.

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

75.5492, 0.3230, 0.3485

Protanopia

75.1890, 0.3298, 0.3461

Deuteranopia

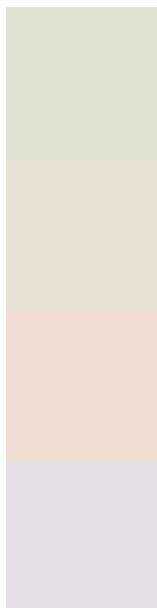
75.0243, 0.3428, 0.3352



Tritanopia

75.3568, 0.3066, 0.3102

Trichromacy



Original Color

75.5492, 0.3230, 0.3485

Protanomaly

75.2275, 0.3275, 0.3473

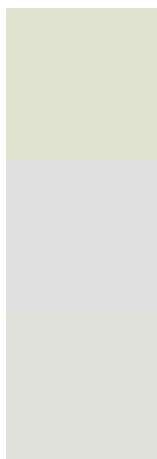
Deuteranomaly

75.2433, 0.3354, 0.3406

Tritanomaly

75.4624, 0.3123, 0.3237

Monochromacy



Original Color

75.5492, 0.3230, 0.3485

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8122, 0.3159, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5492, 0.3230, 0.3485 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(225, 227, 209)` looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 209)  
}
```

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(225, 227, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 209) }
```

Border

The CSS property to change the border of an element to Yxy 75.5492, 0.3230, 0.3485 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(225, 227, 209) }
```

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

```
.border{ border-color:rgb(225, 227, 209) }
```

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

Here you see how a box with a 4 pixel rgb(225, 227, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(225, 227,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5492, 0.3230, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 209) }
```

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

```
.background{ background-color: rgb(225,  
227, 209) }
```

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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