

Converting Colors

$Yxy(75.5038, 0.3367, 0.3660)$

Have a look what the booklet for
Yxy(75.5038, 0.3367, 0.3660)
contains.

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Color

Yxy(75.4464, 0.3366, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	E5E3C1
RGB	229, 227, 193
RGB Percent	90%, 89%, 76%
CMY	0.1020, 0.1098, 0.2432
CMYK	0.00, 0.01, 0.16, 0.10
HSL	57°, 41%, 83%
HSV	57°, 16%, 90%
XYZ	69.4049, 75.4464, 61.3427
YIQ	223.7220, 12.1060, -10.1500

Conversions

Conversions Part 2

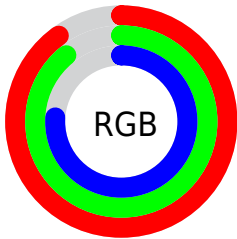
Format	Color
RYB	195, 229, 193
Decimal	15066049
CIELab	89.60, -4.93, 16.89
CIELCh	90, 17.594, 106.271
Yxy	75.4464, 0.3366, 0.3659
Android (android.graphics.Color)	4293256129 (0xFFE5E3C1)
YUV	223.7220, -15.1459, 4.6288
Hunter-Lab	86.8599, -9.3754, 18.9298

Details

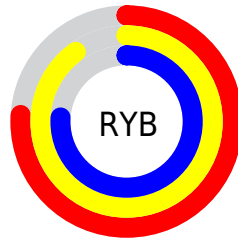
The Yxy color **75.4464, 0.3366, 0.3659** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.0070, 0.2873, 0.2892**, and the grayscale version is **74.4367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **40.2534, 0.3420, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **73.8165, 0.3523, 0.3899**, and if you desaturate by 10%, it is **77.2463, 0.3212, 0.3422**.

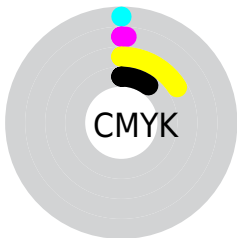
Distribution



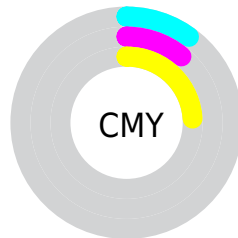
- Red (90%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4464, 0.3366, 0.3659 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 75.4464, 0.3366, 0.3659 by changing the saturation by 10% instead.

75.4464, 0.3366,
0.3659

75.4464, 0.3366,
0.3659

479.4505, 0.3257,
0.3488

55.9787, 0.3390,
0.3698

126.9441, 0.3329,
0.3599

40.1858, 0.3420,
0.3747

159.7428, 0.3314,
0.3576

27.6835, 0.3458,
0.3808

197.7540, 0.3301,
0.3556

18.0872, 0.3506,
0.3888

241.3620, 0.3290,
0.3539

11.0126, 0.3570,
0.3997

290.9513, 0.3280,
0.3524

6.0753, 0.3658,
0.4153

346.9062, 0.3272,

2.8909, 0.3786,

0.3510

0.4393

409.6111, 0.3264,
0.3498

1.0751, 0.4532,
0.5468

0.0000, 0.0000,
0.0000

75.4464, 0.3366,
0.3659

75.4464, 0.3366,
0.3659

73.8165, 0.3523,
0.3899

77.2463, 0.3212,
0.3422

72.3392, 0.3679,
0.4135

79.2131, 0.3065,
0.3194

71.0102, 0.3829,
0.4356

80.9187, 0.2967,
0.3044

69.8209, 0.3966,
0.4555

81.6283, 0.2967,
0.3057

68.7618, 0.4083,
0.4720

82.3431, 0.2967,
0.3070

67.8223, 0.4176,
0.4845

83.0630, 0.2967,
0.3083

66.9899, 0.4243,
0.4926

83.7880, 0.2968,
0.3096

66.2493, 0.4282,
0.4964

84.5182, 0.2968,
0.3109

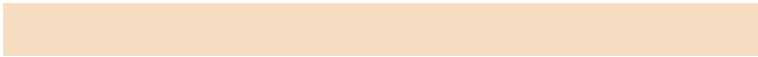
65.9501, 0.4294,
0.4972

85.2536, 0.2968,
0.3122

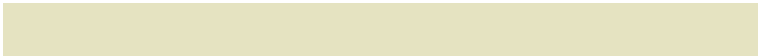
Harmonies

Analogous

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



75.4464, 0.3505, 0.3588



75.4464, 0.3366, 0.3659



75.4464, 0.3166, 0.3626

Triad

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



75.4464, 0.3366, 0.3659



75.4464, 0.2730, 0.3116



75.4464, 0.3290, 0.3099

Complementary

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



75.4464, 0.3366, 0.3659



56.0070, 0.2873, 0.2892

Split Complementary

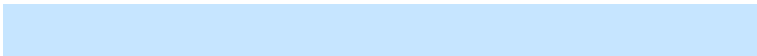
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4464, 0.3078, 0.2981



75.4464, 0.3366, 0.3659



75.4464, 0.2760, 0.2985

Square

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



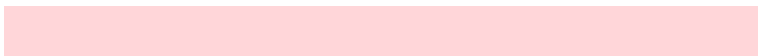
75.4464, 0.3366, 0.3659



75.4464, 0.2802, 0.3302



75.4464, 0.2885, 0.2939



75.4464, 0.3461, 0.3265

Rectangle

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



75.4464, 0.3366, 0.3659



75.4464, 0.3025, 0.3546



75.4464, 0.2885, 0.2939



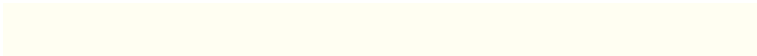
75.4464, 0.3220, 0.3053

Sweetspot

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



75.4497, 0.3366, 0.3659



98.7575, 0.3202, 0.3406



58.7451, 0.3404, 0.3264



21.1017, 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.



75.4497, 0.3366, 0.3659



95.5679, 0.3419, 0.3740



74.0909, 0.3250, 0.3694



16.6736, 0.3269, 0.3510



37.7676, 0.4293, 0.4974



2.8328, 0.4277, 0.4986

Inverse Universe

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



56.0070, 0.2873, 0.2892



66.1323, 0.2812, 0.2796



57.2823, 0.2988, 0.2883



14.0142, 0.2980, 0.3060



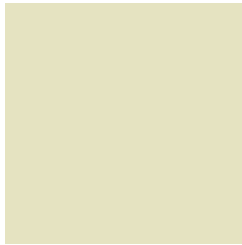
3.4484, 0.1510, 0.0636



0.3002, 0.1538, 0.0735

Previews

White Background



This preview shows how the Yxy color 75.4464, 0.3366, 0.3659 looks on a white background.

Color Contrast Check

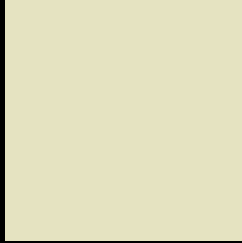
Large Text (above 18pt) WCAG AA × Fail

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 75.4464, 0.3366, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

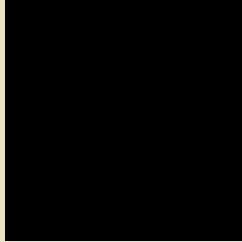
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

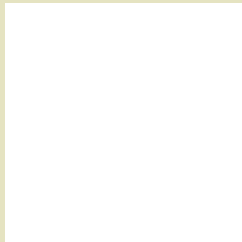
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4464, 0.3366, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 75.4464, 0.3366, 0.3659.

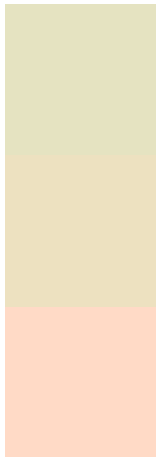


This preview shows how white text looks on a background with the Yxy color 75.4464, 0.3366, 0.3659.

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

75.4464, 0.3366, 0.3659

Protanopia

75.6607, 0.3435, 0.3642

Deuteranopia

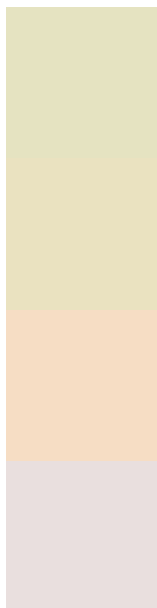
75.4800, 0.3543, 0.3495



Tritanopia

75.5481, 0.3114, 0.3114

Trichromacy



Original Color

75.4464, 0.3366, 0.3659

Protanomaly

75.6909, 0.3411, 0.3655

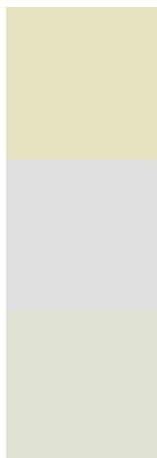
Deuteranomaly

75.2913, 0.3483, 0.3552

Tritanomaly

75.3729, 0.3205, 0.3301

Monochromacy



Original Color

75.4464, 0.3366, 0.3659

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8233, 0.3213, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4464, 0.3366, 0.3659 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(229, 227, 193)` looks like.

```
.text, #text, p{  
    color:rgb(229, 227, 193)  
}
```

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(229, 227, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 227, 193) }
```

Border

The CSS property to change the border of an element to Yxy 75.4464, 0.3366, 0.3659 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(229, 227, 193) }
```

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

```
.border{ border-color:rgb(229, 227, 193) }
```

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

Here you see how a box with a 4 pixel rgb(229, 227, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 227, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 227, 193);  
box-shadow:4px 4px 4px 4px rgb(229, 227,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4464, 0.3366, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 227, 193) }
```

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

```
.background{ background-color: rgb(229,  
227, 193) }
```

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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