

Converting Colors

Yxy(76.2048, 0.3365, 0.3657)

Have a look what the booklet for
Yxy(76.2048, 0.3365, 0.3657)
contains.

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Color

Yxy(76.2048, 0.3365, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	E6E4C2
RGB	230, 228, 194
RGB Percent	90%, 89%, 76%
CMY	0.0979, 0.1059, 0.2392
CMYK	0.00, 0.01, 0.16, 0.10
HSL	57°, 42%, 83%
HSV	57°, 16%, 90%
XYZ	70.1201, 76.2048, 62.0558
YIQ	224.7220, 12.1060, -10.1500

Conversions

Conversions Part 2

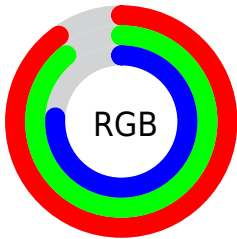
Format	Color
R _Y B	196, 230, 194
Decimal	15131842
CIE Lab	89.95, -4.91, 16.86
CIE LCh	90, 17.560, 106.232
Yxy	76.2048, 0.3365, 0.3657
Android (android.graphics.Color)	4293321922 (0xFFE6E4C2)
YUV	224.7220, -15.1459, 4.6288
Hunter-Lab	87.2954, -9.3866, 18.9592

Details

The Yxy color **76.2048, 0.3365, 0.3657** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.6797, 0.2874, 0.2895**, and the grayscale version is **75.1937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **40.7793, 0.3418, 0.3754** is the 20% darker color. If you saturate the color by 10%, you get **74.5442, 0.3522, 0.3897**, and if you desaturate by 10%, it is **78.0374, 0.3211, 0.3420**.

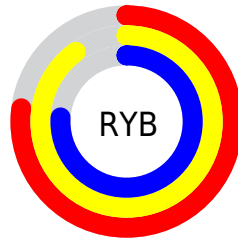
Distribution



Red (90%)

Green (89%)

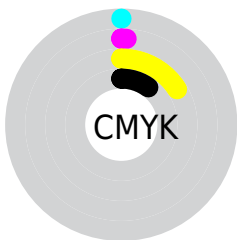
Blue (76%)



Red (77%)

Yellow (90%)

Blue (76%)

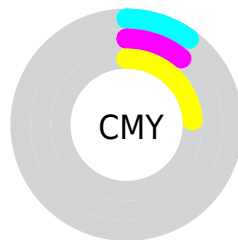


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2048, 0.3365, 0.3657 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 76.2048, 0.3365, 0.3657 by changing the saturation by 10% instead.

■ 76.2048, 0.3365,
0.3657

■ 76.2048, 0.3365,
0.3657

■ 482.0485, 0.3257,
0.3487

■ 56.6005, 0.3389,
0.3696

■ 128.0164, 0.3328,
0.3598

■ 40.6845, 0.3419,
0.3744

■ 160.9924, 0.3313,
0.3575

■ 28.0727, 0.3456,
0.3804

■ 199.1944, 0.3301,
0.3555

■ 18.3805, 0.3503,
0.3884

■ 243.0068, 0.3290,
0.3538

■ 11.2235, 0.3567,
0.3991

■ 292.8140, 0.3280,
0.3523

■ 6.2174, 0.3654,
0.4145

■ 349.0005, 0.3271,

■ 2.9777, 0.3780,

0.3510

0.4380

411.9505, 0.3264,
0.3498

1.1201, 0.4491,
0.5406

0.0000, 0.0000,
0.0000

76.2048, 0.3365,
0.3657

76.2048, 0.3365,
0.3657

74.5442, 0.3522,
0.3897

78.0374, 0.3211,
0.3420

73.0382, 0.3679,
0.4132

80.0388, 0.3064,
0.3192

71.6823, 0.3829,
0.4354

81.6919, 0.2974,
0.3055

70.4677, 0.3966,
0.4553

82.4223, 0.2974,
0.3069

69.3851, 0.4083,
0.4718

83.1580, 0.2974,
0.3082

68.4235, 0.4177,
0.4843

83.8992, 0.2974,
0.3095

67.5705, 0.4244,
0.4924

84.6457, 0.2974,
0.3108

66.8105, 0.4284,
0.4963

85.3977, 0.2974,
0.3122

66.4984, 0.4296,
0.4971

86.1551, 0.2974,
0.3135

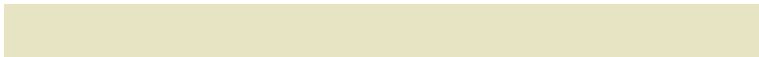
Harmonies

Analogous

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



76.2048, 0.3503, 0.3586



76.2048, 0.3365, 0.3657



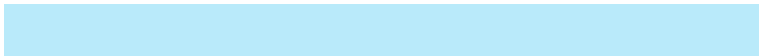
76.2048, 0.3166, 0.3624

Triad

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



76.2048, 0.3365, 0.3657



76.2048, 0.2732, 0.3117



76.2048, 0.3289, 0.3100

Complementary

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



76.2048, 0.3365, 0.3657



56.6797, 0.2874, 0.2895

Split Complementary

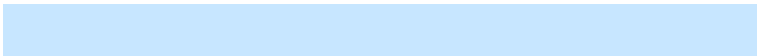
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2048, 0.3078, 0.2983



76.2048, 0.3365, 0.3657



76.2048, 0.2762, 0.2987

Square

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



76.2048, 0.3365, 0.3657



76.2048, 0.2804, 0.3302



76.2048, 0.2886, 0.2941



76.2048, 0.3459, 0.3265

Rectangle

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



76.2048, 0.3365, 0.3657



76.2048, 0.3026, 0.3545



76.2048, 0.2886, 0.2941



76.2048, 0.3220, 0.3054

Sweetspot

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



76.2082, 0.3365, 0.3657



98.7492, 0.3202, 0.3406



59.4181, 0.3403, 0.3264



21.0997, 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.



76.2082, 0.3365, 0.3657



95.5370, 0.3419, 0.3740



74.8611, 0.3250, 0.3692



16.6710, 0.3269, 0.3509



37.7006, 0.4295, 0.4972



2.8285, 0.4278, 0.4985

Inverse Universe

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



56.6797, 0.2874, 0.2895



66.1564, 0.2812, 0.2797



57.9467, 0.2989, 0.2884



14.0165, 0.2980, 0.3061



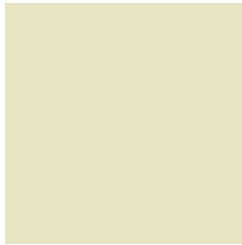
3.4524, 0.1510, 0.0636



0.3013, 0.1538, 0.0737

Previews

White Background



This preview shows how the Yxy color 76.2048, 0.3365, 0.3657 looks on a white background.

Color Contrast Check

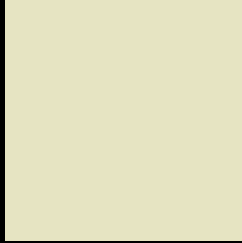
Large Text (above 18pt) WCAG AA × Fail

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 76.2048, 0.3365, 0.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

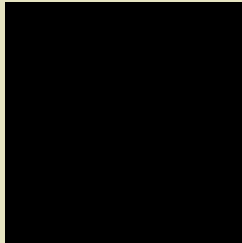
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

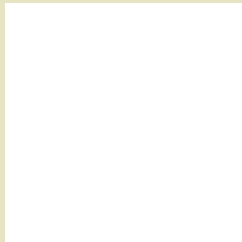
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2048, 0.3365, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 76.2048, 0.3365, 0.3657.



This preview shows how white text looks on a background with the Yxy color 76.2048, 0.3365, 0.3657.

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

76.2048, 0.3365, 0.3657

Protanopia

76.4201, 0.3434, 0.3641

Deuteranopia

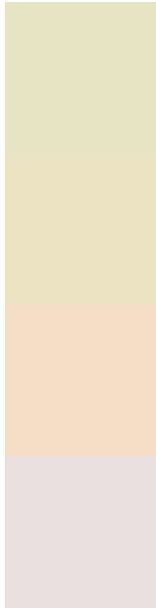
76.0932, 0.3526, 0.3485



Tritanopia

76.3074, 0.3114, 0.3115

Trichromacy



Original Color

76.2048, 0.3365, 0.3657

Protanomaly

76.4506, 0.3410, 0.3653

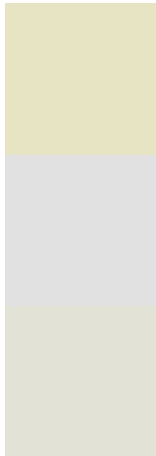
Deuteranomaly

75.9126, 0.3467, 0.3541

Tritanomaly

76.1314, 0.3204, 0.3301

Monochromacy



Original Color

76.2048, 0.3365, 0.3657

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.5786, 0.3212, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2048, 0.3365, 0.3657 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(230, 228, 194)` looks like.

```
.text, #text, p{  
    color:rgb(230, 228, 194)  
}
```

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(230, 228, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 228, 194) }
```

Border

The CSS property to change the border of an element to Yxy 76.2048, 0.3365, 0.3657 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(230, 228, 194) }
```

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

```
.border{ border-color:rgb(230, 228, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 228, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 228, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 228, 194);  
box-shadow:4px 4px 4px 4px rgb(230, 228,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2048, 0.3365, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 228, 194) }
```

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

```
.background{ background-color: rgb(230,  
228, 194) }
```

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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