

Converting Colors

$Y_{xy}(75.2367, 0.3306, 0.3457)$

Have a look what the booklet for
Yxy(75.2367, 0.3306, 0.3457)
contains.

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Color

Yxy(75.3578, 0.3305, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	EAE0D0
RGB	234, 224, 208
RGB Percent	92%, 88%, 82%
CMY	0.0825, 0.1215, 0.1844
CMYK	0.00, 0.04, 0.11, 0.08
HSL	37°, 38%, 87%
HSV	37°, 11%, 92%
XYZ	71.9611, 75.3578, 70.4152
YIQ	225.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

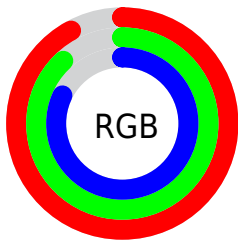
Format	Color
RYB	224, 234, 208
Decimal	15392976
CIELab	89.56, 0.71, 9.05
CIELCh	90, 9.074, 85.512
Yxy	75.3578, 0.3305, 0.3461
Android (android.graphics.Color)	4293583056 (0xFFEAE0D0)
YUV	225.1660, -8.4628, 7.7474
Hunter-Lab	86.8089, -3.9460, 12.6730

Details

The Yxy color $75.3578, 0.3305, 0.3461$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69.4498, 0.2954, 0.3113$, and the grayscale version is $75.4745, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.1740, 0.3342, 0.3498$ is the 20% darker color. If you saturate the color by 10%, you get $69.6058, 0.3485, 0.3623$, and if you desaturate by 10%, it is $81.5398, 0.3144, 0.3307$.

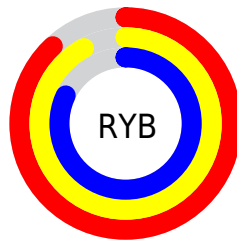
Distribution



Red (92%)

Green (88%)

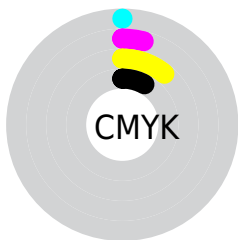
Blue (82%)



Red (88%)

Yellow (92%)

Blue (82%)

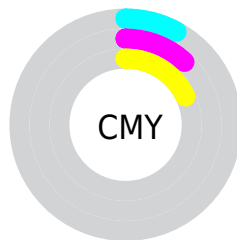


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3578, 0.3305, 0.3461 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 75.3578, 0.3305, 0.3461 by changing the saturation by 10% instead.

■ 75.3578, 0.3305,
0.3461

■ 75.3578, 0.3305,
0.3461

479.1465, 0.3223,
0.3382

■ 55.9061, 0.3324,
0.3479

126.8187, 0.3277,
0.3434

■ 40.1276, 0.3347,
0.3501

159.5967, 0.3266,
0.3423

■ 27.6381, 0.3376,
0.3528

197.5855, 0.3256,
0.3414

■ 18.0530, 0.3414,
0.3565

241.1696, 0.3248,
0.3406

■ 10.9880, 0.3465,
0.3613

290.7334, 0.3240,
0.3399

■ 6.0588, 0.3539,
0.3683

346.6612, 0.3234,

■ 2.8809, 0.3653,

0.3393

0.3790

409.3374, 0.3228,
0.3387

■ 1.0699, 0.3947,
0.4073

■ 0.0000, 0.0000,
0.0000

■ 75.3578, 0.3305,
0.3461

■ 75.3578, 0.3305,
0.3461

■ 69.6058, 0.3485,
0.3623

■ 81.5398, 0.3144,
0.3307

■ 64.2625, 0.3682,
0.3788

■ 88.1525, 0.3000,
0.3161

■ 59.3195, 0.3896,
0.3951

■ 93.6261, 0.2999,
0.3249

■ 54.7639, 0.4121,
0.4103

■ 96.2260, 0.2999,
0.3290

■ 50.5822, 0.4350,
0.4233

■ 46.7595, 0.4574,
0.4331

■ 43.2793, 0.4779,
0.4383

■ 40.1225, 0.4954,
0.4384

■ 37.5612, 0.5085,
0.4345

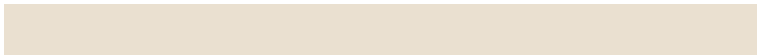
Harmonies

Analogous

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



75.3578, 0.3340, 0.3398



75.3578, 0.3305, 0.3461



75.3578, 0.3222, 0.3479

Triad

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



75.3578, 0.3305, 0.3461



75.3578, 0.2941, 0.3267



75.3578, 0.3137, 0.3143

Complementary

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



75.3578, 0.3305, 0.3461



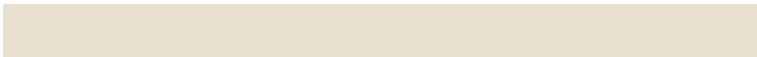
69.4498, 0.2954, 0.3113

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.



75.3578, 0.3031, 0.3108



75.3578, 0.3305, 0.3461



75.3578, 0.2919, 0.3177

Square

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



75.3578, 0.3305, 0.3461



75.3578, 0.3012, 0.3366



75.3578, 0.2951, 0.3120



75.3578, 0.3242, 0.3216

Rectangle

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



75.3578, 0.3305, 0.3461



75.3578, 0.3151, 0.3461



75.3578, 0.2951, 0.3120



75.3578, 0.3100, 0.3126

Sweetspot

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



75.3611, 0.3305, 0.3461



97.6633, 0.3173, 0.3335



67.6484, 0.3253, 0.3184



20.7720, 0.3186, 0.3348



0.0000, 0.0000, 0.0000



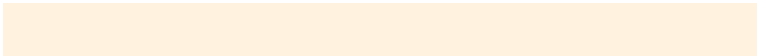
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3611, 0.3305, 0.3461



90.2169, 0.3339, 0.3492



80.3546, 0.3271, 0.3565



16.6025, 0.3277, 0.3435



21.3656, 0.5067, 0.4359



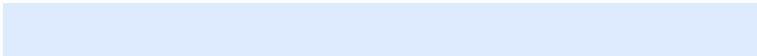
1.8627, 0.4914, 0.4481

Inverse Universe

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



69.4498, 0.2954, 0.3113



81.8776, 0.2922, 0.3079



64.8927, 0.2974, 0.3003



15.4939, 0.2980, 0.3141



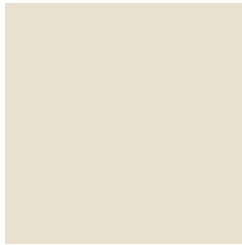
7.6301, 0.1671, 0.1215



0.7800, 0.1748, 0.1491

Previews

White Background



This preview shows how the Yxy color 75.3578, 0.3305, 0.3461 looks on a white background.

Color Contrast Check

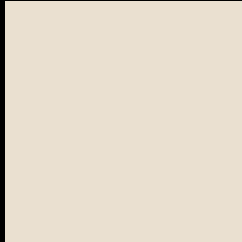
Large Text (above 18pt) WCAG AA × Fail

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 75.3578, 0.3305, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

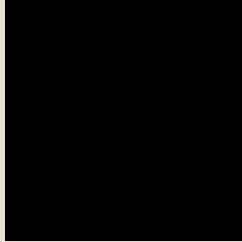
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

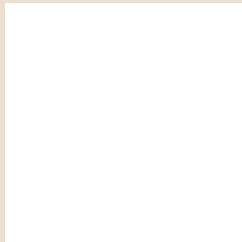
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3578, 0.3305, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 75.3578, 0.3305, 0.3461.

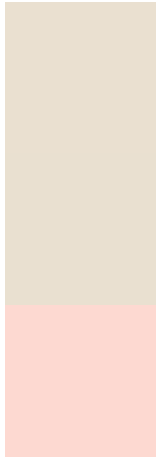


This preview shows how white text looks on a background with the Yxy color 75.3578, 0.3305, 0.3461.

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

75.3578, 0.3305, 0.3461

Protanopia

75.1890, 0.3298, 0.3461

Deuteranopia

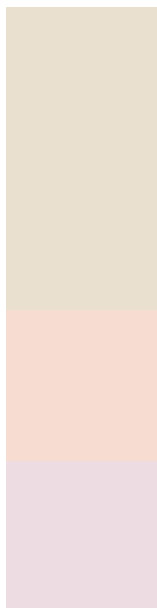
75.1118, 0.3450, 0.3373



Tritanopia

75.4780, 0.3142, 0.3115

Trichromacy



Original Color

75.3578, 0.3305, 0.3461

Protanomaly

75.1890, 0.3298, 0.3461

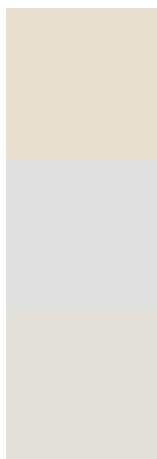
Deuteranomaly

75.3827, 0.3392, 0.3405

Tritanomaly

75.2084, 0.3208, 0.3238

Monochromacy



Original Color

75.3578, 0.3305, 0.3461

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4589, 0.3187, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3578, 0.3305, 0.3461 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(234, 224, 208)` looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 208)  
}
```

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(234, 224, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 208) }
```

Border

The CSS property to change the border of an element to Yxy 75.3578, 0.3305, 0.3461 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(234, 224, 208) }
```

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

```
.border{ border-color:rgb(234, 224, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 224, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 208);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3578, 0.3305, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 208) }
```

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

```
.background{ background-color: rgb(234,  
224, 208) }
```

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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