

Converting Colors

$Yxy(75.3693, 0.3277, 0.3358)$

Have a look what the booklet for
Yxy(75.3693, 0.3277, 0.3358)
contains.

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Color

Yxy(75.2049, 0.3275, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	EDDED8
RGB	237, 222, 216
RGB Percent	93%, 87%, 85%
CMY	0.0706, 0.1294, 0.1531
CMYK	0.00, 0.06, 0.09, 0.07
HSL	17°, 37%, 89%
HSV	17°, 9%, 93%
XYZ	73.4335, 75.2049, 75.5861
YIQ	225.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

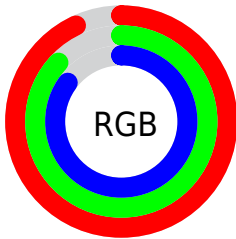
Format	Color
R _Y B	237, 224, 216
Decimal	15589080
CIE Lab	89.49, 4.11, 4.79
CIE LCh	89, 6.307, 49.396
Yxy	75.2049, 0.3275, 0.3354
Android (android.graphics.Color)	4293779160 (0xFFEDED8)
YUV	225.8010, -4.8319, 9.8215
Hunter-Lab	86.7208, -0.6108, 9.0272

Details

The Yxy color **75.2049, 0.3275, 0.3354** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.8237, 0.2990, 0.3225**, and the grayscale version is **75.9311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0344, 0.3311, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **65.5471, 0.3472, 0.3431**, and if you desaturate by 10%, it is **85.9437, 0.3110, 0.3282**.

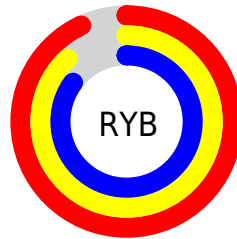
Distribution



Red (93%)

Green (87%)

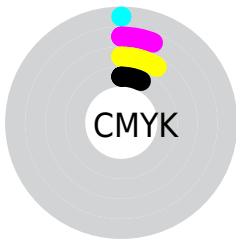
Blue (85%)



Red (93%)

Yellow (88%)

Blue (85%)

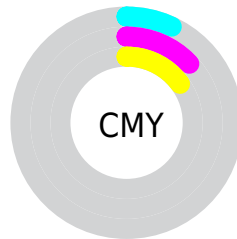


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2049, 0.3275, 0.3354 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 75.2049, 0.3275, 0.3354 by changing the saturation by 10% instead.

 75.2049, 0.3275,
0.3354

 75.2049, 0.3275,
0.3354


478.6215, 0.3207,
0.3325

 55.7808, 0.3291,
0.3361


126.6024, 0.3251,
0.3344

 40.0272, 0.3310,
0.3368

159.3445, 0.3242,
0.3340

 27.5597, 0.3334,
0.3378


197.2947, 0.3234,
0.3337

 17.9940, 0.3366,
0.3391

240.8375, 0.3227,
0.3334

 10.9457, 0.3410,
0.3409

290.3571, 0.3221,
0.3331

 6.0303, 0.3472,
0.3433

346.2381, 0.3216,

 2.8635, 0.3571,

0.3329

0.3470

408.8648, 0.3211,
0.3327

■ 1.0609, 0.3758,
0.3542

■ 0.0000, 1.0000,
0.0000

■ 75.2049, 0.3275,
0.3354

■ 75.2049, 0.3275,
0.3354

■ 65.5471, 0.3472,
0.3431

■ 85.9437, 0.3110,
0.3282

■ 56.9266, 0.3705,
0.3511

■ 96.7422, 0.3017,
0.3290

■ 49.3111, 0.3980,
0.3590

■ 42.6630, 0.4296,
0.3664

■ 36.9422, 0.4651,
0.3724

■ 32.1054, 0.5028,
0.3758

■ 28.1061, 0.5401,
0.3754

■ 24.8922, 0.5733,
0.3705

■ 22.4015, 0.5991,
0.3614

Harmonies

Analogous

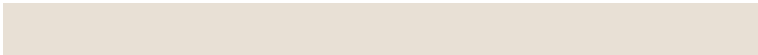
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2049, 0.3251, 0.3290



75.2049, 0.3275, 0.3354



75.2049, 0.3259, 0.3403

Triad

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



75.2049, 0.3275, 0.3354



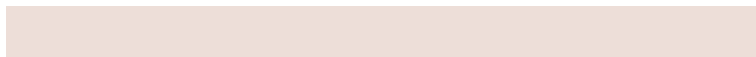
75.2049, 0.3061, 0.3355



75.2049, 0.3047, 0.3162

Complementary

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



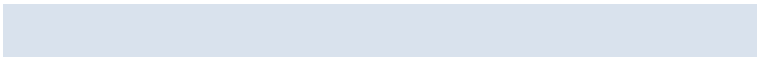
75.2049, 0.3275, 0.3354



77.8237, 0.2990, 0.3225

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.



75.2049, 0.2997, 0.3177



75.2049, 0.3275, 0.3354



75.2049, 0.3005, 0.3289

Square

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



75.2049, 0.3275, 0.3354



75.2049, 0.3134, 0.3404



75.2049, 0.2982, 0.3224



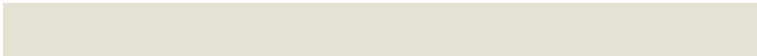
75.2049, 0.3119, 0.3180

Rectangle

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



75.2049, 0.3275, 0.3354



75.2049, 0.3228, 0.3419



75.2049, 0.2982, 0.3224



75.2049, 0.3027, 0.3163

Sweetspot

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



75.2082, 0.3275, 0.3354



96.0898, 0.3175, 0.3311



72.8669, 0.3178, 0.3133



20.3477, 0.3188, 0.3317



0.0000, 0.0000, 0.0000



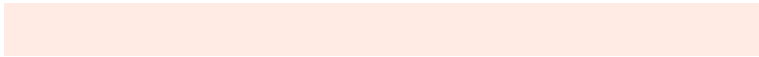
21.4041, 0.3127, 0.3290

Same Dimension

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



75.2082, 0.3275, 0.3354



86.2326, 0.3315, 0.3370



80.9149, 0.3264, 0.3462



15.7601, 0.3286, 0.3358



12.2948, 0.5989, 0.3627



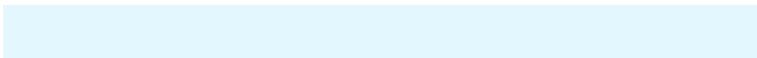
1.1252, 0.5717, 0.3843

Inverse Universe

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



77.8237, 0.2990, 0.3225



90.0202, 0.2956, 0.3208



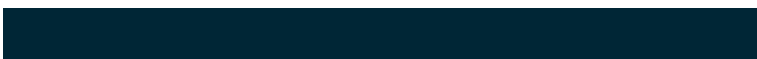
72.1665, 0.2990, 0.3112



16.3469, 0.2981, 0.3221



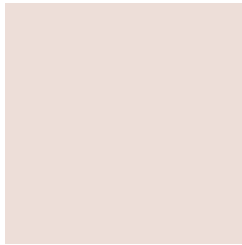
19.0252, 0.1980, 0.2326



1.6573, 0.2021, 0.2476

Previews

White Background



This preview shows how the Yxy color 75.2049, 0.3275, 0.3354 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 75.2049, 0.3275, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

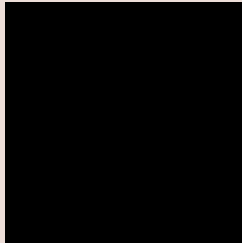
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

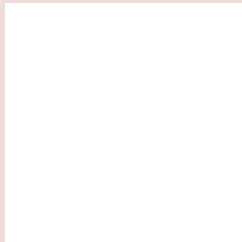
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2049, 0.3275, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 75.2049, 0.3275, 0.3354.

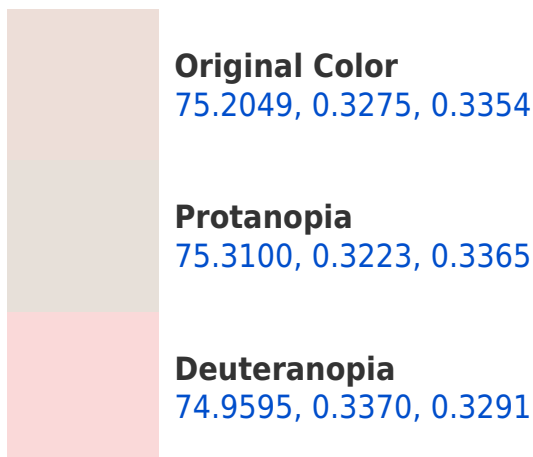


This preview shows how white text looks on a background with the Yxy color 75.2049, 0.3275, 0.3354.

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

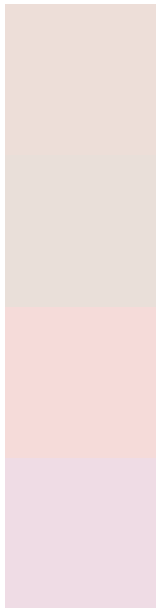




Tritanopia

75.2444, 0.3164, 0.3116

Trichromacy



Original Color

75.2049, 0.3275, 0.3354

Protanomaly

75.1087, 0.3238, 0.3354

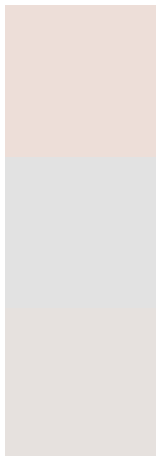
Deuteranomaly

75.0853, 0.3330, 0.3311

Tritanomaly

75.1943, 0.3203, 0.3197

Monochromacy



Original Color

75.2049, 0.3275, 0.3354

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9473, 0.3182, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2049, 0.3275, 0.3354 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(237, 222, 216)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 216)  
}
```

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(237, 222, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 216) }
```

Border

The CSS property to change the border of an element to Yxy 75.2049, 0.3275, 0.3354 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(237, 222, 216) }
```

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

```
.border{ border-color:rgb(237, 222, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 216);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2049, 0.3275, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 216) }
```

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

```
.background{ background-color: rgb(237,  
222, 216) }
```

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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