

Converting Colors

$Y_{xy}(75.3715, 0.3262, 0.3415)$

Have a look what the booklet for
Yxy(75.3715, 0.3262, 0.3415)
contains.

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Color

Yxy(75.2206, 0.3264, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	E8E0D4
RGB	232, 224, 212
RGB Percent	91%, 88%, 83%
CMY	0.0900, 0.1216, 0.1686
CMYK	0.00, 0.03, 0.09, 0.09
HSL	36°, 30%, 87%
HSV	36°, 9%, 91%
XYZ	71.8315, 75.2206, 73.0199
YIQ	225.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

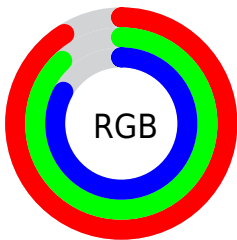
Format	Color
R_{YB}	225, 232, 212
Decimal	15261908
CIE Lab	89.50, 0.71, 6.83
CIE LCh	89, 6.866, 84.044
Yxy	75.2206, 0.3264, 0.3418
Android (android.graphics.Color)	4293451988 (0xFFE8E0D4)
YUV	225.0240, -6.4208, 6.1180
Hunter-Lab	86.7298, -3.9396, 10.7932

Details

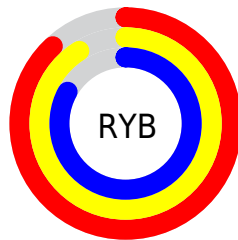
The Yxy color **75.2206, 0.3264, 0.3418** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0497, 0.2994, 0.3159**, and the grayscale version is **75.3625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0404, 0.3296, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **69.2546, 0.3440, 0.3573**, and if you desaturate by 10%, it is **81.6371, 0.3107, 0.3271**.

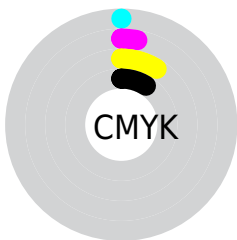
Distribution



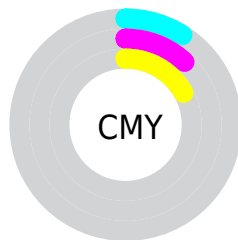
- Red (91%)
- Green (88%)
- Blue (83%)



- Red (88%)
- Yellow (91%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2206, 0.3264, 0.3418 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 75.2206, 0.3264, 0.3418 by changing the saturation by 10% instead.

■ 75.2206, 0.3264,
0.3418

■ 75.2206, 0.3264,
0.3418

478.6755, 0.3201,
0.3359

■ 55.7936, 0.3278,
0.3431

126.6246, 0.3242,
0.3398

■ 40.0375, 0.3296,
0.3448

159.3704, 0.3234,
0.3390

■ 27.5678, 0.3318,
0.3469

197.3246, 0.3226,
0.3383

■ 18.0001, 0.3348,
0.3496

240.8716, 0.3220,
0.3377

■ 10.9501, 0.3388,
0.3532

290.3958, 0.3214,
0.3372

■ 6.0333, 0.3445,
0.3585

346.2816, 0.3209,

■ 2.8653, 0.3534,

0.3367

0.3667

408.9133, 0.3205,
0.3363

■ 1.0618, 0.3731,
0.3850

■ 0.0000, 0.0000,
0.0000

■ 75.2206, 0.3264,
0.3418

■ 75.2206, 0.3264,
0.3418

■ 69.2546, 0.3440,
0.3573

■ 81.6371, 0.3107,
0.3271

■ 63.7176, 0.3636,
0.3733

■ 88.2834, 0.2987,
0.3166

■ 58.6009, 0.3849,
0.3893

■ 94.0038, 0.2988,
0.3260

■ 53.8915, 0.4077,
0.4044

■ 95.9054, 0.2988,
0.3290

■ 49.5756, 0.4313,
0.4177

■ 45.6384, 0.4547,
0.4279

■ 42.0633, 0.4767,
0.4340

■ 38.8316, 0.4960,
0.4350

■ 35.9180, 0.5120,
0.4308

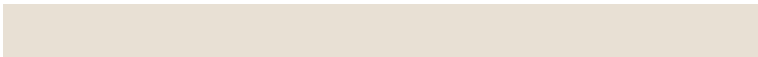
Harmonies

Analogous

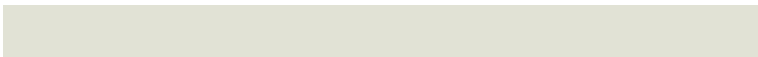
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2206, 0.3288, 0.3369



75.2206, 0.3264, 0.3418



75.2206, 0.3203, 0.3433

Triad

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



75.2206, 0.3264, 0.3418



75.2206, 0.2988, 0.3277



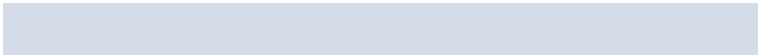
75.2206, 0.3131, 0.3176

Complementary

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



75.2206, 0.3264, 0.3418



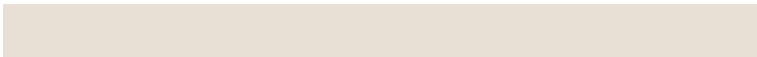
71.0497, 0.2994, 0.3159

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.



75.2206, 0.3051, 0.3151



75.2206, 0.3264, 0.3418



75.2206, 0.2969, 0.3208

Square

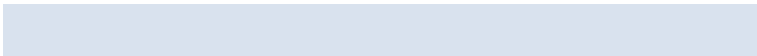
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2206, 0.3264, 0.3418



75.2206, 0.3043, 0.3351



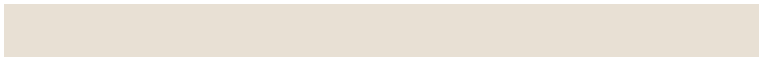
75.2206, 0.2992, 0.3162



75.2206, 0.3211, 0.3230

Rectangle

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



75.2206, 0.3264, 0.3418



75.2206, 0.3150, 0.3421



75.2206, 0.2992, 0.3162



75.2206, 0.3103, 0.3164

Sweetspot

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



75.2239, 0.3264, 0.3418



97.5690, 0.3173, 0.3334



69.4390, 0.3218, 0.3201



20.7466, 0.3186, 0.3346



0.0000, 0.0000, 0.0000



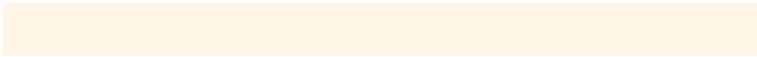
21.4041, 0.3127, 0.3290

Same Dimension

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



75.2239, 0.3264, 0.3418



92.0933, 0.3288, 0.3440



79.3859, 0.3244, 0.3503



16.5513, 0.3278, 0.3431



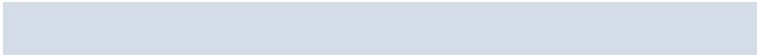
20.5995, 0.5122, 0.4315



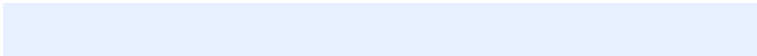
1.8052, 0.4959, 0.4445

Inverse Universe

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



71.0497, 0.2994, 0.3159



86.1388, 0.2971, 0.3136



67.1637, 0.3005, 0.3070



15.5437, 0.2980, 0.3145



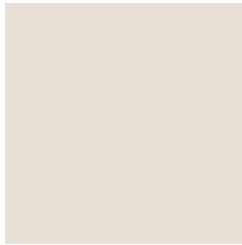
8.0822, 0.1687, 0.1272



0.8187, 0.1763, 0.1546

Previews

White Background



This preview shows how the Yxy color 75.2206, 0.3264, 0.3418 looks on a white background.

Color Contrast Check

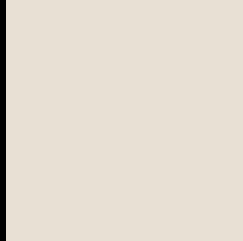
Large Text (above 18pt) WCAG AA × Fail

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 75.2206, 0.3264, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

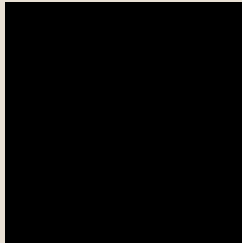
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

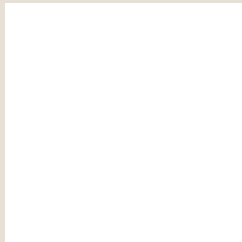
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2206, 0.3264, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 75.2206, 0.3264, 0.3418.

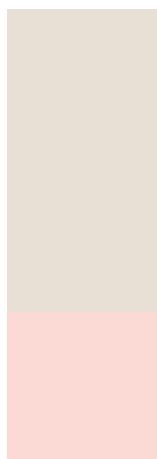


This preview shows how white text looks on a background with the Yxy color 75.2206, 0.3264, 0.3418.

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

75.2206, 0.3264, 0.3418

Protanopia

75.2206, 0.3264, 0.3418

Deuteranopia

74.9390, 0.3406, 0.3332



Tritanopia

75.1337, 0.3128, 0.3114

Trichromacy



Original Color

75.2206, 0.3264, 0.3418

Protanomaly

75.2206, 0.3264, 0.3418

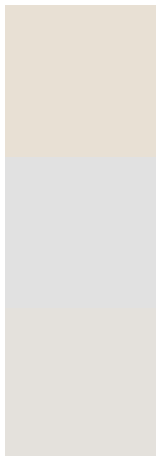
Deuteranomaly

75.2236, 0.3349, 0.3363

Tritanomaly

74.9765, 0.3180, 0.3217

Monochromacy



Original Color

75.2206, 0.3264, 0.3418

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.5117, 0.3181, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2206, 0.3264, 0.3418 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(232, 224, 212)` looks like.

```
.text, #text, p{  
    color:rgb(232, 224, 212)  
}
```

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(232, 224, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 224, 212) }
```

Border

The CSS property to change the border of an element to Yxy 75.2206, 0.3264, 0.3418 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(232, 224, 212) }
```

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

```
.border{ border-color:rgb(232, 224, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 224, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 224, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 224, 212);  
box-shadow:4px 4px 4px 4px rgb(232, 224,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2206, 0.3264, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 224, 212) }
```

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

```
.background{ background-color: rgb(232,  
224, 212) }
```

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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