

Converting Colors

Yxy(75.4324, 0.3200, 0.3243)

Have a look what the booklet for
Yxy(75.4324, 0.3200, 0.3243)
contains.

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Color

Yxy(75.5664, 0.3200, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	ECDEE2
RGB	236, 222, 226
RGB Percent	93%, 87%, 89%
CMY	0.0744, 0.1294, 0.1136
CMYK	0.00, 0.06, 0.04, 0.07
HSL	343°, 27%, 90%
HSV	343°, 6%, 93%
XYZ	74.4497, 75.5664, 82.6391
YIQ	226.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

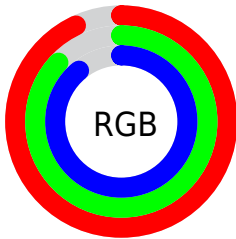
Format	Color
R _Y B	236, 222, 226
Decimal	15523554
CIE Lab	89.66, 5.48, -0.27
CIE LCh	90, 5.491, 357.229
Yxy	75.5664, 0.3200, 0.3248
Android (android.graphics.Color)	4293713634 (0xFFECDEE2)
YUV	226.6420, -0.3165, 8.2070
Hunter-Lab	86.9289, 0.7494, 4.4861

Details

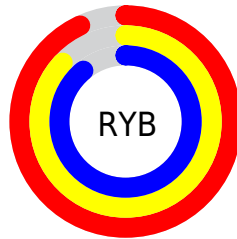
The Yxy color **75.5664, 0.3200, 0.3248** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.3571, 0.3059, 0.3332**, and the grayscale version is **76.5460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2810, 0.3213, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **63.0199, 0.3345, 0.3174**, and if you desaturate by 10%, it is **89.9648, 0.3082, 0.3318**.

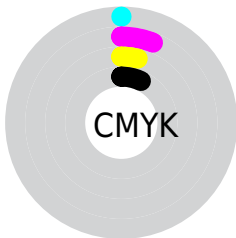
Distribution



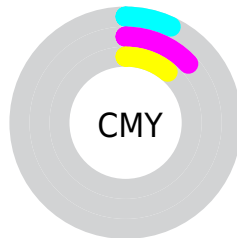
- Red (93%)
- Green (87%)
- Blue (89%)



- Red (93%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (7%)




- Cyan (7%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5664, 0.3200, 0.3248 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 75.5664, 0.3200, 0.3248 by changing the saturation by 10% instead.

 75.5664, 0.3200,
0.3248

 75.5664, 0.3200,
0.3248

479.8621, 0.3167,
0.3267

 56.0770, 0.3208,
0.3244


127.1138, 0.3188,
0.3255

 40.2647, 0.3217,
0.3238


159.9406, 0.3184,
0.3257

 27.7450, 0.3229,
0.3231


197.9821, 0.3180,
0.3260

 18.1335, 0.3244,
0.3222

241.6225, 0.3177,
0.3262

 11.0459, 0.3265,
0.3210

291.2463, 0.3174,
0.3263

 6.0977, 0.3295,
0.3193

347.2379, 0.3171,

 2.9046, 0.3343,

0.3265

0.3166

409.9817, 0.3169,
0.3266

■ 1.0821, 0.3426,
0.3118

■ 0.0000, 1.0000,
0.0000

■ 75.5664, 0.3200,
0.3248

■ 75.5664, 0.3200,
0.3248

■ 63.0199, 0.3345,
0.3174

■ 89.9648, 0.3082,
0.3318

■ 52.2404, 0.3523,
0.3095

■ 96.5765, 0.3011,
0.3290

■ 43.1508, 0.3740,
0.3017

■ 35.6648, 0.4001,
0.2942

■ 29.6881, 0.4309,
0.2879

■ 25.1167, 0.4658,
0.2839

■ 21.8331, 0.5030,
0.2832

■ 19.7004, 0.5399,
0.2870

■ 18.5501, 0.5725,
0.2952

Harmonies

Analogous

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



75.5664, 0.3137, 0.3202



75.5664, 0.3200, 0.3248



75.5664, 0.3243, 0.3305

Triad

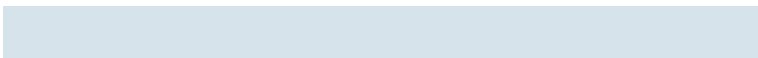
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5664, 0.3200, 0.3248



75.5664, 0.3181, 0.3403



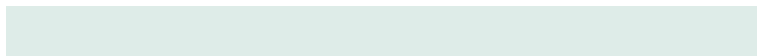
75.5664, 0.3001, 0.3220

Complementary

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



75.5664, 0.3200, 0.3248



81.3571, 0.3059, 0.3332

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.



75.5664, 0.3012, 0.3274



75.5664, 0.3200, 0.3248



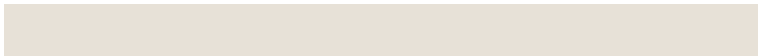
75.5664, 0.3116, 0.3380

Square

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



75.5664, 0.3200, 0.3248



75.5664, 0.3232, 0.3395



75.5664, 0.3055, 0.3333



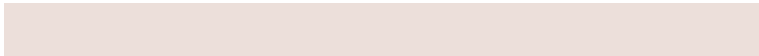
75.5664, 0.3023, 0.3186

Rectangle

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



75.5664, 0.3200, 0.3248



75.5664, 0.3255, 0.3342



75.5664, 0.3055, 0.3333



75.5664, 0.3001, 0.3236

Sweetspot

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



75.5697, 0.3200, 0.3248



96.5575, 0.3151, 0.3276



75.4221, 0.3105, 0.3144



20.7033, 0.3150, 0.3277



0.0000, 0.0000, 0.0000



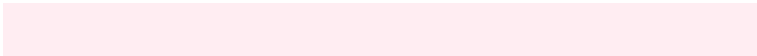
21.4041, 0.3127, 0.3290

Same Dimension

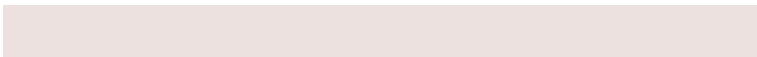
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5697, 0.3200, 0.3248



88.3438, 0.3214, 0.3240



76.8529, 0.3225, 0.3320



15.6495, 0.3222, 0.3236



10.0793, 0.5801, 0.2969



0.8076, 0.5406, 0.2752

Inverse Universe

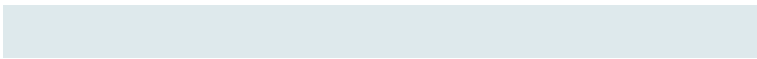
The Inverse Universe completely reimagines the original color for something new.



75.5697, 0.3200, 0.3248



88.3438, 0.3214, 0.3240



79.9865, 0.3035, 0.3260



15.6495, 0.3222, 0.3236



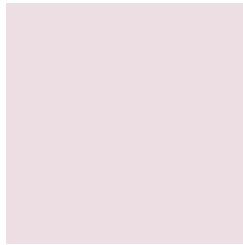
10.0793, 0.5801, 0.2969



0.8076, 0.5406, 0.2752

Previews

White Background



This preview shows how the Yxy color 75.5664, 0.3200, 0.3248 looks on a white background.

Color Contrast Check

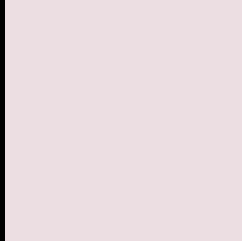
Large Text (above 18pt) WCAG AA × Fail

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 75.5664, 0.3200, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

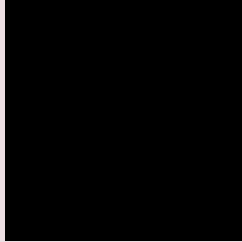
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

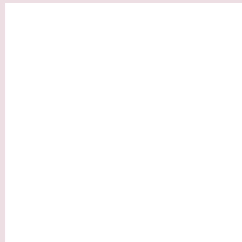
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5664, 0.3200, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 75.5664, 0.3200, 0.3248.

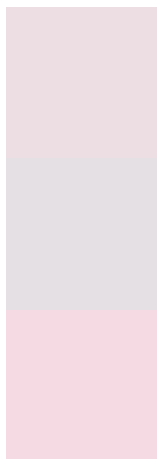


This preview shows how white text looks on a background with the Yxy color 75.5664, 0.3200, 0.3248.

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

75.5664, 0.3200, 0.3248

Protanopia

75.5154, 0.3143, 0.3258

Deuteranopia

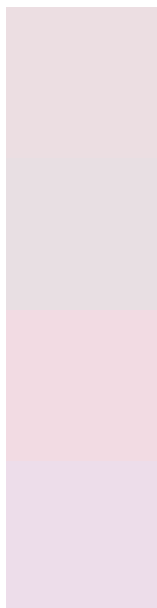
75.2817, 0.3269, 0.3198



Tritanopia

75.5366, 0.3136, 0.3105

Trichromacy



Original Color

75.5664, 0.3200, 0.3248

Protanomaly

75.4772, 0.3164, 0.3248

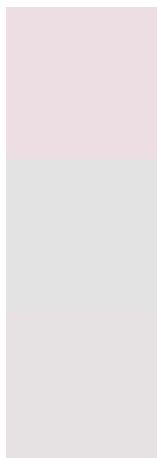
Deuteranomaly

75.0863, 0.3239, 0.3208

Tritanomaly

75.6579, 0.3155, 0.3156

Monochromacy



Original Color

75.5664, 0.3200, 0.3248

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2195, 0.3149, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5664, 0.3200, 0.3248 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(236, 222, 226)` looks like.

```
.text, #text, p{  
    color:rgb(236, 222, 226)  
}
```

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(236, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 222, 226) }
```

Border

The CSS property to change the border of an element to Yxy 75.5664, 0.3200, 0.3248 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(236, 222, 226) }
```

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

```
.border{ border-color:rgb(236, 222, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 222, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 222, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 222, 226); box-shadow:4px 4px 4px 4px rgb(236, 222, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5664, 0.3200, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 222, 226) }
```

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

```
.background{ background-color: rgb(236,  
222, 226) }
```

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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