

Converting Colors

$Yxy(75.2488, 0.3150, 0.3246)$

Have a look what the booklet for
Yxy(75.2488, 0.3150, 0.3246)
contains.

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Color

Yxy(75.1444, 0.3150, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	E6DFE3
RGB	230, 223, 227
RGB Percent	90%, 87%, 89%
CMY	0.0982, 0.1254, 0.1098
CMYK	0.00, 0.03, 0.01, 0.10
HSL	326°, 12%, 89%
HSV	326°, 3%, 90%
XYZ	72.8771, 75.1444, 83.3344
YIQ	225.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

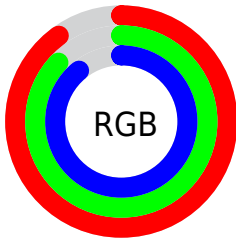
Format	Color
RYB	230, 223, 227
Decimal	15130595
CIELab	89.46, 3.07, -1.12
CIELCh	89, 3.262, 340.005
Yxy	75.1444, 0.3150, 0.3248
Android (android.graphics.Color)	4293320675 (0xFFE6DFE3)
YUV	225.5490, 0.7153, 3.9035
Hunter-Lab	86.6859, -1.6347, 3.6824

Details

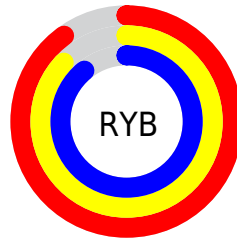
The Yxy color **75.1444, 0.3150, 0.3248** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7552, 0.3105, 0.3332**, and the grayscale version is **75.7027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0978, 0.3157, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **63.1544, 0.3235, 0.3104**, and if you desaturate by 10%, it is **88.8407, 0.3079, 0.3384**.

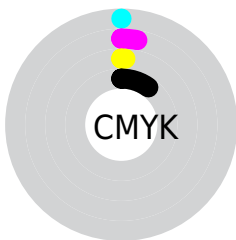
Distribution



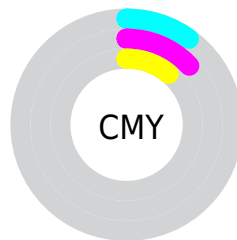
- Red (90%)
- Green (87%)
- Blue (89%)



- Red (90%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1444, 0.3150, 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 75.1444, 0.3150, 0.3248 by changing the saturation by 10% instead.

■ 75.1444, 0.3150,
0.3248

■ 75.1444, 0.3150,
0.3248

478.4137, 0.3140,
0.3267

■ 55.7312, 0.3152,
0.3244

126.5167, 0.3146,
0.3255

■ 39.9874, 0.3155,
0.3238

159.2447, 0.3145,
0.3257

■ 27.5288, 0.3159,
0.3231

197.1796, 0.3144,
0.3260

■ 17.9707, 0.3164,
0.3222

240.7060, 0.3143,
0.3262

■ 10.9290, 0.3170,
0.3210

290.2082, 0.3142,
0.3263

■ 6.0191, 0.3180,
0.3193

346.0707, 0.3141,

■ 2.8567, 0.3194,

0.3265

0.3166

408.6777, 0.3140,
0.3266

■ 1.0574, 0.3220,
0.3119

■ 0.0000, 0.5824,
0.0000

■ 75.1444, 0.3150,
0.3248

■ 75.1444, 0.3150,
0.3248

■ 63.1544, 0.3235,
0.3104

■ 88.8407, 0.3079,
0.3384

■ 52.7937, 0.3337,
0.2953

■ 95.0302, 0.3021,
0.3373

■ 43.9937, 0.3458,
0.2800

■ 95.5573, 0.2975,
0.3290

■ 36.6771, 0.3599,
0.2651

■ 30.7602, 0.3761,
0.2514

■ 26.1507, 0.3941,
0.2400

■ 22.7450, 0.4136,
0.2321

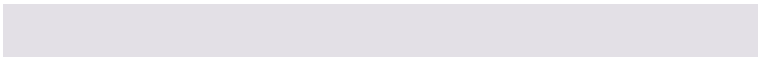
■ 20.4237, 0.4339,
0.2288

■ 19.0427, 0.4540,
0.2309

Harmonies

Analogous

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



75.1444, 0.3111, 0.3228



75.1444, 0.3150, 0.3248



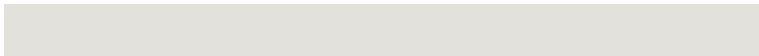
75.1444, 0.3183, 0.3279

Triad

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



75.1444, 0.3150, 0.3248



75.1444, 0.3179, 0.3357



75.1444, 0.3053, 0.3266

Complementary

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



75.1444, 0.3150, 0.3248



77.7552, 0.3105, 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.



75.1444, 0.3071, 0.3301



75.1444, 0.3150, 0.3248



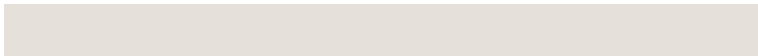
75.1444, 0.3144, 0.3354

Square

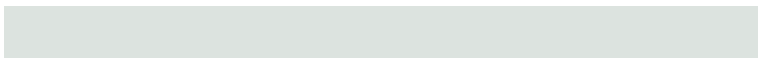
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



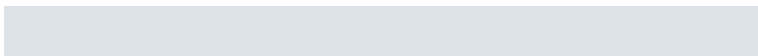
75.1444, 0.3150, 0.3248



75.1444, 0.3200, 0.3342



75.1444, 0.3104, 0.3333



75.1444, 0.3055, 0.3238

Rectangle

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



75.1444, 0.3150, 0.3248



75.1444, 0.3198, 0.3302



75.1444, 0.3104, 0.3333



75.1444, 0.3057, 0.3277

Sweetspot

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



75.1476, 0.3150, 0.3248



98.3139, 0.3135, 0.3276



74.6501, 0.3102, 0.3216



21.0610, 0.3134, 0.3277



0.0000, 0.0000, 0.0000



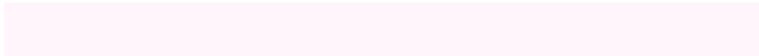
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1476, 0.3150, 0.3248



93.3865, 0.3158, 0.3234



74.9616, 0.3172, 0.3284



15.7444, 0.3163, 0.3224



10.4893, 0.4647, 0.2334



0.7936, 0.4380, 0.2186

Inverse Universe

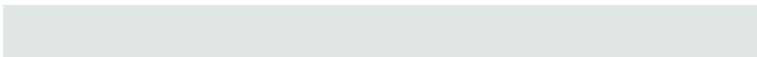
The Inverse Universe completely reimagines the original color for something new.



75.1476, 0.3150, 0.3248



93.3865, 0.3158, 0.3234



77.9439, 0.3084, 0.3296



15.7444, 0.3163, 0.3224



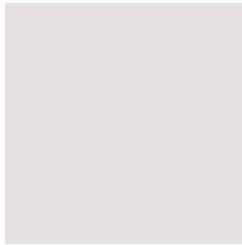
10.4893, 0.4647, 0.2334



0.7936, 0.4380, 0.2186

Previews

White Background



This preview shows how the Yxy color 75.1444, 0.3150, 0.3248 looks on a white background.

Color Contrast Check

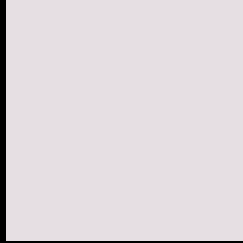
Large Text (above 18pt) WCAG AA × Fail

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 75.1444, 0.3150, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

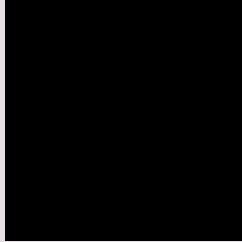
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

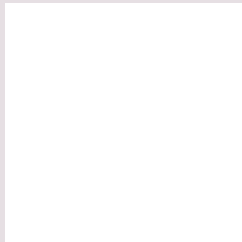
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1444, 0.3150, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 75.1444, 0.3150, 0.3248.

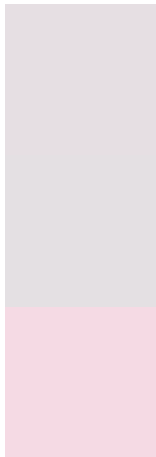


This preview shows how white text looks on a background with the Yxy color 75.1444, 0.3150, 0.3248.

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

75.1444, 0.3150, 0.3248

Protanopia

75.3513, 0.3136, 0.3258

Deuteranopia

75.1567, 0.3255, 0.3188



Tritanopia

75.1007, 0.3087, 0.3103

Trichromacy



Original Color

75.1444, 0.3150, 0.3248

Protanomaly

75.5154, 0.3143, 0.3258

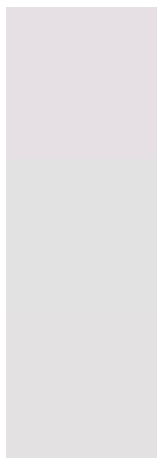
Deuteranomaly

75.3131, 0.3217, 0.3208

Tritanomaly

75.2296, 0.3106, 0.3154

Monochromacy



Original Color

75.1444, 0.3150, 0.3248

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.6723, 0.3135, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1444, 0.3150, 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(230, 223, 227)` looks like.

```
.text, #text, p{  
    color:rgb(230, 223, 227)  
}
```

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, 223, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 223, 227) }
```

Border

The CSS property to change the border of an element to Yxy 75.1444, 0.3150, 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(230, 223, 227) }
```

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

```
.border{ border-color:rgb(230, 223, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 223, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 223, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 223, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 223,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1444, 0.3150, 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(230, 223, 227) }
```

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

```
.background{ background-color: rgb(230,  
223, 227) }
```

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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