

Converting Colors

$Yxy(75.8317, 0.3038, 0.3192)$

Have a look what the booklet for
Yxy(75.8317, 0.3038, 0.3192)
contains.

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Color

Yxy(75.7630, 0.3036, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	DDE2EB
RGB	221, 226, 235
RGB Percent	87%, 89%, 92%
CMY	0.1332, 0.1137, 0.0784
CMYK	0.06, 0.04, 0.00, 0.08
HSL	219°, 26%, 89%
HSV	219°, 6%, 92%
XYZ	72.0152, 75.7630, 89.4260
YIQ	225.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

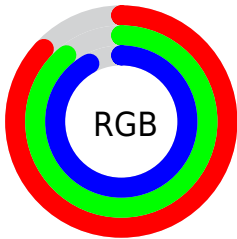
Format	Color
R _Y B	221, 225, 235
Decimal	14541547
CIE Lab	89.75, 0.01, -4.97
CIE LCh	90, 4.971, 270.115
Yxy	75.7630, 0.3036, 0.3194
Android (android.graphics.Color)	4292731627 (0xFFDDE2EB)
YUV	225.5310, 4.6682, -3.9737
Hunter-Lab	87.0419, -4.6393, 0.0155

Details

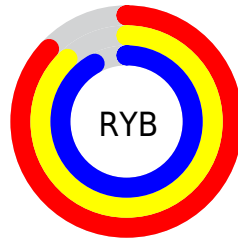
The Yxy color **75.7630, 0.3036, 0.3194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.4917, 0.3219, 0.3384**, and the grayscale version is **75.6701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4875, 0.3017, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **64.4610, 0.2874, 0.3017**, and if you desaturate by 10%, it is **88.3142, 0.3187, 0.3351**.

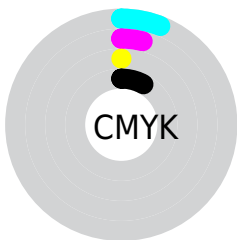
Distribution



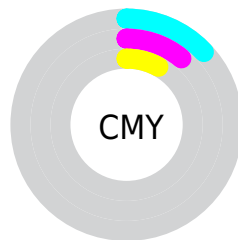
- Red (87%)
- Green (89%)
- Blue (92%)



- Red (87%)
- Yellow (88%)
- Blue (92%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7630, 0.3036, 0.3194 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 75.7630, 0.3036, 0.3194 by changing the saturation by 10% instead.

■ 75.7630, 0.3036,
0.3194

■ 75.7630, 0.3036,
0.3194

480.5360, 0.3078,
0.3238

■ 56.2382, 0.3027,
0.3184

127.3918, 0.3050,
0.3209

■ 40.3939, 0.3015,
0.3172

160.2647, 0.3056,
0.3215

■ 27.8458, 0.3000,
0.3156

198.3556, 0.3061,
0.3220

■ 18.2095, 0.2981,
0.3136

242.0491, 0.3065,
0.3225

■ 11.1005, 0.2955,
0.3108

291.7294, 0.3069,
0.3229

■ 6.1345, 0.2917,
0.3069

347.7811, 0.3072,

■ 2.9270, 0.2859,

0.3232

0.3008

410.5885, 0.3075,
0.3235

1.0937, 0.2757,
0.2900

0.0000, 0.0000,
0.0000

75.7630, 0.3036,
0.3194

75.7630, 0.3036,
0.3194

64.4610, 0.2874,
0.3017

88.3142, 0.3187,
0.3351

54.3586, 0.2704,
0.2819

98.7783, 0.3244,
0.3483

45.4166, 0.2527,
0.2602

37.5903, 0.2349,
0.2368

■ 30.8314, 0.2175,
0.2122

■ 25.0879, 0.2013,
0.1871

■ 20.3025, 0.1871,
0.1625

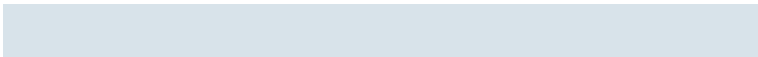
■ 16.4110, 0.1755,
0.1394

■ 13.3379, 0.1670,
0.1188

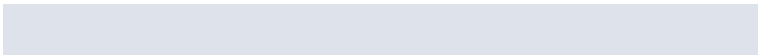
Harmonies

Analogous

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



75.7630, 0.3013, 0.3223



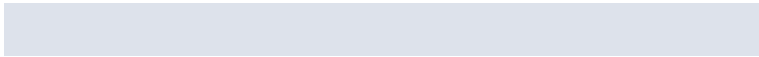
75.7630, 0.3036, 0.3194



75.7630, 0.3083, 0.3191

Triad

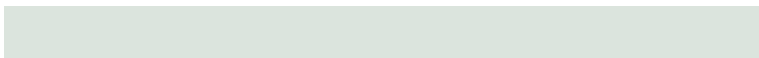
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7630, 0.3036, 0.3194



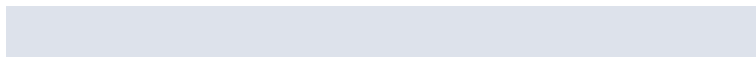
75.7630, 0.3235, 0.3309



75.7630, 0.3112, 0.3368

Complementary

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



75.7630, 0.3036, 0.3194



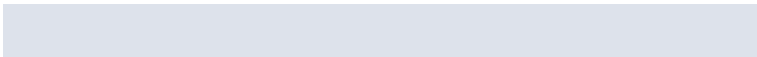
79.4917, 0.3219, 0.3384

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.



75.7630, 0.3171, 0.3391



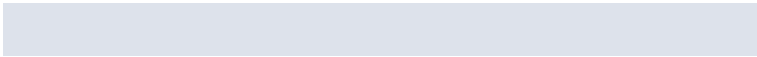
75.7630, 0.3036, 0.3194



75.7630, 0.3242, 0.3356

Square

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



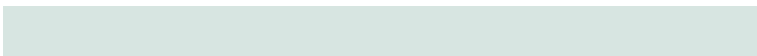
75.7630, 0.3036, 0.3194



75.7630, 0.3198, 0.3257



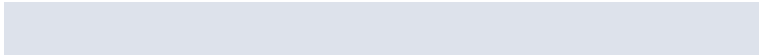
75.7630, 0.3219, 0.3387



75.7630, 0.3057, 0.3324

Rectangle

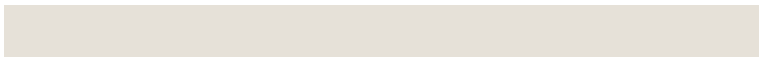
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7630, 0.3036, 0.3194



75.7630, 0.3122, 0.3204



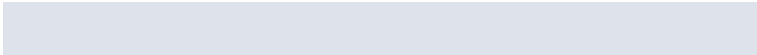
75.7630, 0.3219, 0.3387



75.7630, 0.3132, 0.3379

Sweetspot

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



75.7662, 0.3036, 0.3194



96.9679, 0.3097, 0.3258



80.4998, 0.3066, 0.3344



20.7870, 0.3098, 0.3260



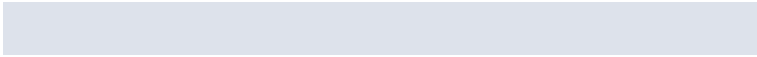
0.0000, 0.0000, 0.0000



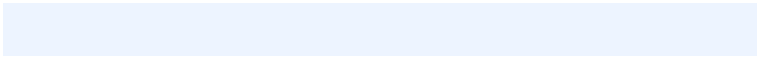
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7662, 0.3036, 0.3194



89.6542, 0.3019, 0.3176



73.3926, 0.3050, 0.3141



15.8993, 0.3010, 0.3167



7.0569, 0.1651, 0.1141



0.7301, 0.1727, 0.1418

Inverse Universe

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



74.8780, 0.3194, 0.3238



88.4169, 0.3207, 0.3228



81.9865, 0.3202, 0.3436



15.6635, 0.3213, 0.3224



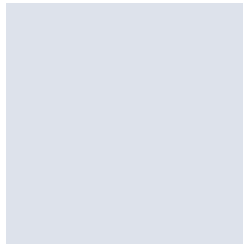
10.2052, 0.5550, 0.2831



0.8191, 0.5167, 0.2620

Previews

White Background



This preview shows how the Yxy color 75.7630, 0.3036, 0.3194 looks on a white background.

Color Contrast Check

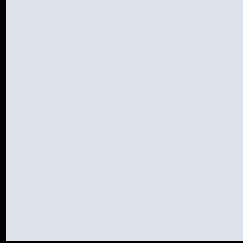
Large Text (above 18pt) WCAG AA × Fail

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 75.7630, 0.3036, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

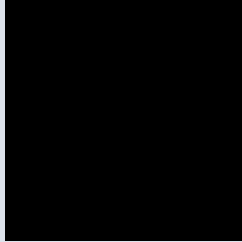
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

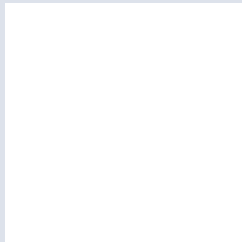
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7630, 0.3036, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 75.7630, 0.3036, 0.3194.

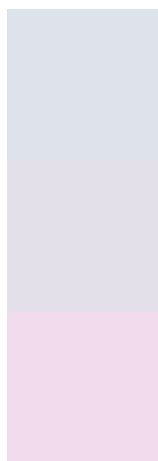


This preview shows how white text looks on a background with the Yxy color 75.7630, 0.3036, 0.3194.

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

75.7630, 0.3036, 0.3194

Protanopia

75.5827, 0.3084, 0.3185

Deuteranopia

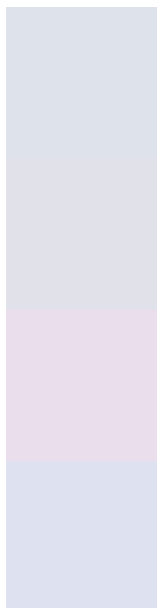
75.5964, 0.3178, 0.3116



Tritanopia

75.8511, 0.2993, 0.3100

Trichromacy



Original Color

75.7630, 0.3036, 0.3194

Protanomaly

75.7985, 0.3070, 0.3195

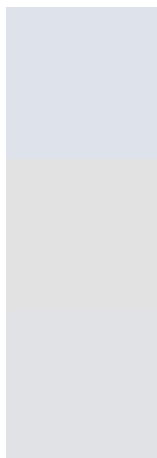
Deuteranomaly

75.7911, 0.3120, 0.3145

Tritanomaly

75.6713, 0.3012, 0.3131

Monochromacy



Original Color

75.7630, 0.3036, 0.3194

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8971, 0.3094, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7630, 0.3036, 0.3194 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(221, 226, 235)` looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 235)  
}
```

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(221, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 235) }
```

Border

The CSS property to change the border of an element to Yxy 75.7630, 0.3036, 0.3194 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(221, 226, 235) }
```

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

```
.border{ border-color:rgb(221, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(221, 226,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7630, 0.3036, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 235) }
```

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

```
.background{ background-color: rgb(221,  
226, 235) }
```

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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