

Converting Colors

$Y_{xy}(73.5297, 0.3036, 0.3216)$

Have a look what the booklet for
Yxy(73.5297, 0.3036, 0.3216)
contains.

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Color

Yxy(73.7762, 0.3040, 0.3225)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D9E0E6 |
| RGB | 217, 224, 230 |
| RGB Percent | 85%, 88%, 90% |
| CMY | 0.1492, 0.1215, 0.0980 |
| CMYK | 0.06, 0.03, 0.00, 0.10 |
| HSL | 208°, 21%, 88% |
| HSV | 208°, 6%, 90% |
| XYZ | 69.5441, 73.7762, 85.4431 |
| YIQ | 222.5910, -6.0980, 0.3820 |

Conversions

Conversions Part 2

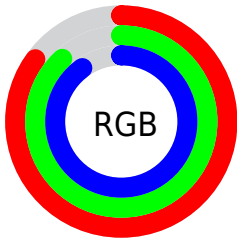
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 217, 222, 230 |
| Decimal | 14278886 |
| CIE Lab | 88.82, -1.24, -3.76 |
| CIE LCh | 89, 3.957, 251.664 |
| Yxy | 73.7762, 0.3040, 0.3225 |
| Android (android.graphics.Color) | 4292468966 (0xFFD9E0E6) |
| YUV | 222.5910, 3.6526, -4.9033 |
| Hunter-Lab | 85.8931, -5.7888, 1.1457 |

Details

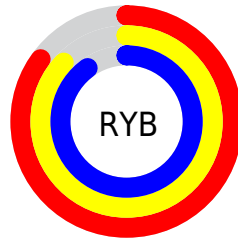
The Yxy color **73.7762, 0.3040, 0.3225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5775, 0.3217, 0.3354**, and the grayscale version is **73.4610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1525, 0.3015, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **64.9988, 0.2882, 0.3100**, and if you desaturate by 10%, it is **83.4033, 0.3192, 0.3337**.

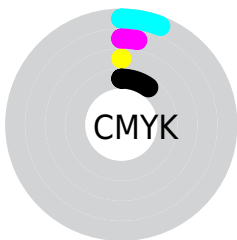
Distribution



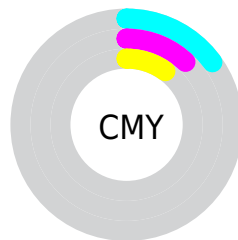
- Red (85%)
- Green (88%)
- Blue (90%)



- Red (85%)
- Yellow (87%)
- Blue (90%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7762, 0.3040, 0.3225 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 73.7762, 0.3040, 0.3225 by changing the saturation by 10% instead.

■ 73.7762, 0.3040,
0.3225

■ 73.7762, 0.3040,
0.3225

473.7006, 0.3080,
0.3255

■ 54.6109, 0.3031,
0.3218

124.5785, 0.3054,
0.3235

■ 39.0903, 0.3020,
0.3210

156.9843, 0.3059,
0.3240

■ 26.8300, 0.3005,
0.3199

194.5723, 0.3064,
0.3243

■ 17.4456, 0.2987,
0.3185

237.7271, 0.3068,
0.3246

■ 10.5527, 0.2961,
0.3165

286.8329, 0.3072,
0.3249

■ 5.7669, 0.2924,
0.3137

342.2741, 0.3075,

■ 2.7039, 0.2867,

0.3251

404.4352, 0.3078,
0.3253

0.3093

0.9792, 0.2765,
0.3013

0.0000, 0.0000,
0.0000

73.7762, 0.3040,
0.3225

73.7762, 0.3040,
0.3225

64.9988, 0.2882,
0.3100

83.4033, 0.3192,
0.3337

57.0350, 0.2721,
0.2962

92.3556, 0.3284,
0.3438

49.8600, 0.2560,
0.2811

98.4937, 0.3274,
0.3532

43.4438, 0.2403,
0.2648

■ 37.7540, 0.2254,
0.2476

■ 32.7554, 0.2118,
0.2298

■ 28.4090, 0.2000,
0.2117

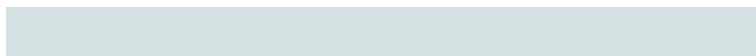
■ 24.6701, 0.1904,
0.1939

■ 21.4854, 0.1831,
0.1767

Harmonies

Analogous

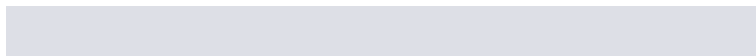
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7762, 0.3037, 0.3258



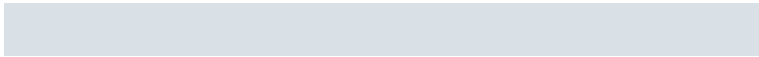
73.7762, 0.3040, 0.3225



73.7762, 0.3067, 0.3209

Triad

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



73.7762, 0.3040, 0.3225



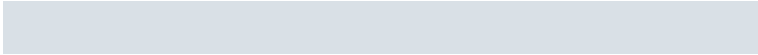
73.7762, 0.3198, 0.3279



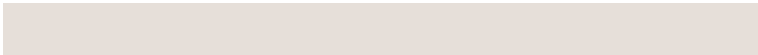
73.7762, 0.3144, 0.3367

Complementary

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



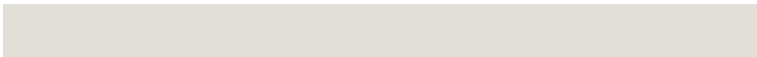
73.7762, 0.3040, 0.3225



74.5775, 0.3217, 0.3354

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.



73.7762, 0.3188, 0.3372



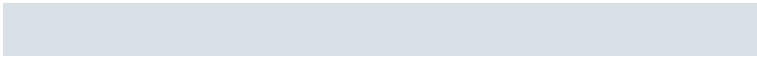
73.7762, 0.3040, 0.3225



73.7762, 0.3219, 0.3321

Square

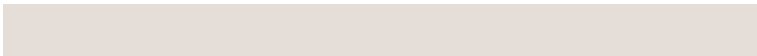
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7762, 0.3040, 0.3225



73.7762, 0.3158, 0.3241



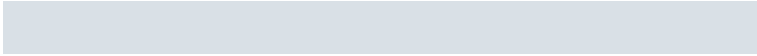
73.7762, 0.3215, 0.3355



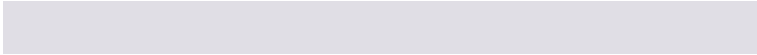
73.7762, 0.3097, 0.3341

Rectangle

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



73.7762, 0.3040, 0.3225



73.7762, 0.3094, 0.3211



73.7762, 0.3215, 0.3355



73.7762, 0.3160, 0.3371

Sweetspot

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



73.7793, 0.3040, 0.3225



97.5614, 0.3096, 0.3267



76.6616, 0.3084, 0.3368



20.9078, 0.3098, 0.3269



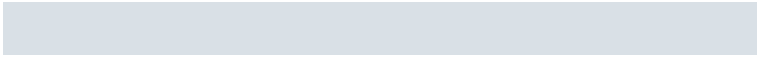
0.0000, 0.0000, 0.0000



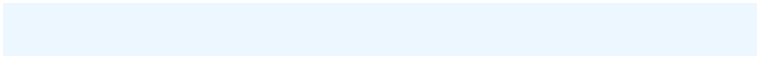
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7793, 0.3040, 0.3225



91.6551, 0.3019, 0.3209



70.3972, 0.3041, 0.3155



15.5382, 0.3011, 0.3202



11.7083, 0.1812, 0.1721



1.0505, 0.1880, 0.1969

Inverse Universe

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



71.8091, 0.3174, 0.3215



88.6189, 0.3186, 0.3197



78.0677, 0.3211, 0.3422



14.9851, 0.3191, 0.3189



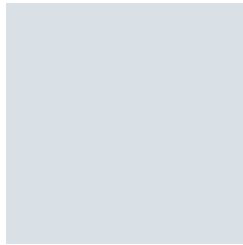
10.3797, 0.4781, 0.2407



0.7857, 0.4488, 0.2246

Previews

White Background



This preview shows how the Yxy color 73.7762, 0.3040, 0.3225 looks on a white background.

Color Contrast Check

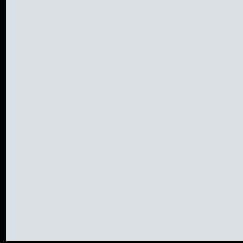
Large Text (above 18pt) WCAG AA × Fail

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 73.7762, 0.3040, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

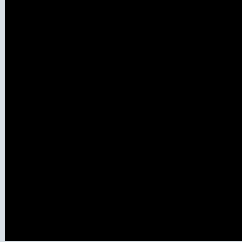
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

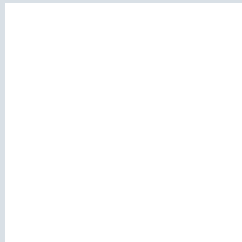
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7762, 0.3040, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 73.7762, 0.3040, 0.3225.

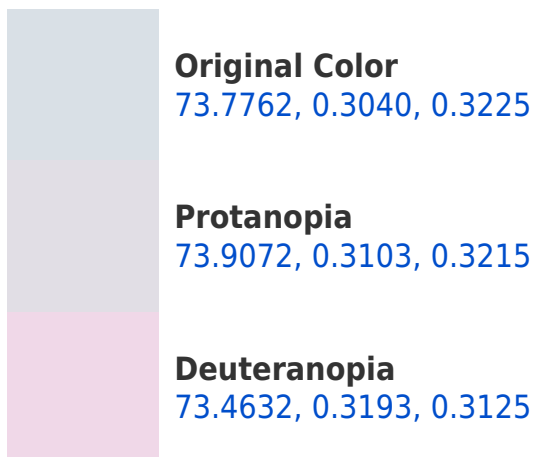


This preview shows how white text looks on a background with the Yxy color 73.7762, 0.3040, 0.3225.

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

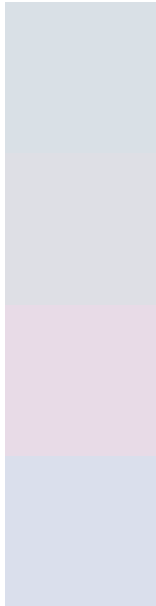




Tritanopia

73.5939, 0.2991, 0.3098

Trichromacy



Original Color

73.7762, 0.3040, 0.3225

Protanomaly

73.9621, 0.3081, 0.3226

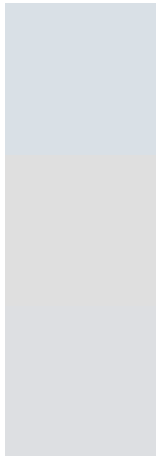
Deuteranomaly

73.5884, 0.3140, 0.3164

Tritanomaly

73.7369, 0.3010, 0.3150

Monochromacy



Original Color

73.7762, 0.3040, 0.3225

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.6385, 0.3094, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7762, 0.3040, 0.3225 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(217, 224, 230)` looks like.

```
.text, #text, p{  
    color:rgb(217, 224, 230)  
}
```

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(217, 224, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 224, 230) }
```

Border

The CSS property to change the border of an element to Yxy 73.7762, 0.3040, 0.3225 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(217, 224, 230) }
```

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

```
.border{ border-color:rgb(217, 224, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 224, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 224, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 224, 230); box-shadow:4px 4px 4px 4px rgb(217, 224, 230) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7762, 0.3040, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 224, 230) }
```

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

```
.background{ background-color: rgb(217,  
224, 230) }
```

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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