

Converting Colors

$Yxy(73.5045, 0.3094, 0.3249)$

Have a look what the booklet for
Yxy(73.5045, 0.3094, 0.3249)
contains.

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Color

Yxy(73.6385, 0.3094, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	DDDFE2
RGB	221, 223, 226
RGB Percent	87%, 87%, 89%
CMY	0.1333, 0.1255, 0.1139
CMYK	0.02, 0.01, 0.00, 0.11
HSL	216°, 8%, 88%
HSV	216°, 2%, 89%
XYZ	69.9317, 73.6385, 82.4534
YIQ	222.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

Format	Color
R _Y B	221, 222, 226
Decimal	14540770
CIE Lab	88.75, -0.13, -1.69
CIE LCh	89, 1.696, 265.674
Yxy	73.6385, 0.3094, 0.3258
Android (android.graphics.Color)	4292730850 (0xFFDDDFE2)
YUV	222.7440, 1.6052, -1.5295
Hunter-Lab	85.8129, -4.7071, 3.1001

Details

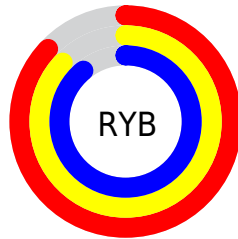
The Yxy color **73.6385, 0.3094, 0.3258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6782, 0.3161, 0.3322**, and the grayscale version is **73.5917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0525, 0.3084, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **63.4062, 0.2937, 0.3101**, and if you desaturate by 10%, it is **84.9288, 0.3241, 0.3397**.

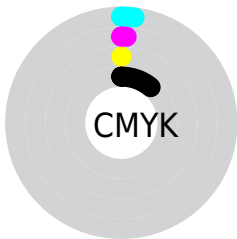
Distribution



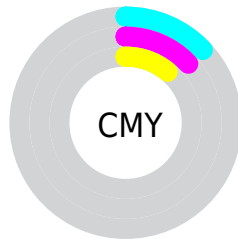
- Red (87%)
- Green (87%)
- Blue (89%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6385, 0.3094, 0.3258 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 73.6385, 0.3094, 0.3258 by changing the saturation by 10% instead.

■ 73.6385, 0.3094,
0.3258

■ 73.6385, 0.3094,
0.3258

473.2248, 0.3109,
0.3273

■ 54.4982, 0.3090,
0.3255

124.3832, 0.3099,
0.3263

■ 39.0001, 0.3086,
0.3250

156.7564, 0.3101,
0.3265

■ 26.7598, 0.3081,
0.3245

194.3094, 0.3103,
0.3267

■ 17.3929, 0.3073,
0.3238

237.4266, 0.3105,
0.3268

■ 10.5150, 0.3064,
0.3229

286.4923, 0.3106,
0.3270

■ 5.7418, 0.3050,
0.3215

341.8910, 0.3107,

■ 2.6887, 0.3027,

0.3271

404.0070, 0.3108,
0.3272

0.3193

0.9715, 0.2987,
0.3154

0.0000, 0.0000,
0.0000

73.6385, 0.3094,
0.3258

73.6385, 0.3094,
0.3258

63.4062, 0.2937,
0.3101

84.9288, 0.3241,
0.3397

54.1902, 0.2772,
0.2926

95.1114, 0.3304,
0.3525

45.9596, 0.2601,
0.2733

98.2691, 0.3298,
0.3572

38.6784, 0.2428,
0.2523

■ 32.3082, 0.2258,
0.2299

■ 26.8073, 0.2097,
0.2067

■ 22.1305, 0.1953,
0.1834

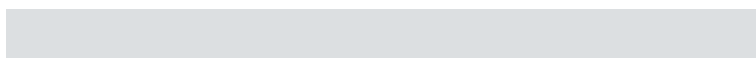
■ 18.2271, 0.1831,
0.1608

■ 15.0388, 0.1736,
0.1398

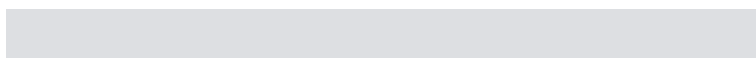
Harmonies

Analogous

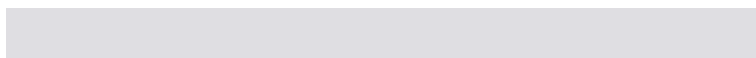
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6385, 0.3088, 0.3269



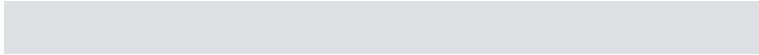
73.6385, 0.3094, 0.3258



73.6385, 0.3109, 0.3255

Triad

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



73.6385, 0.3094, 0.3258



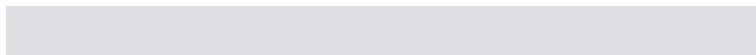
73.6385, 0.3163, 0.3294



73.6385, 0.3125, 0.3319

Complementary

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



73.6385, 0.3094, 0.3258



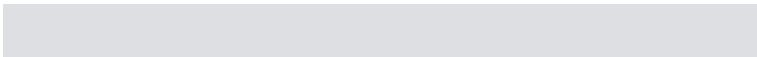
74.6782, 0.3161, 0.3322

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.



73.6385, 0.3145, 0.3325



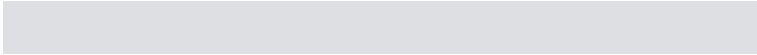
73.6385, 0.3094, 0.3258



73.6385, 0.3167, 0.3311

Square

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



73.6385, 0.3094, 0.3258



73.6385, 0.3149, 0.3276



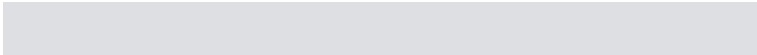
73.6385, 0.3161, 0.3322



73.6385, 0.3105, 0.3304

Rectangle

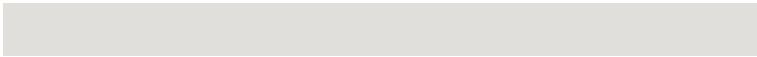
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6385, 0.3094, 0.3258



73.6385, 0.3122, 0.3259



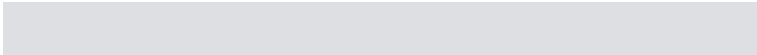
73.6385, 0.3161, 0.3322



73.6385, 0.3132, 0.3322

Sweetspot

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



73.6416, 0.3094, 0.3258



98.5521, 0.3112, 0.3275



75.1240, 0.3106, 0.3312



21.1095, 0.3113, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

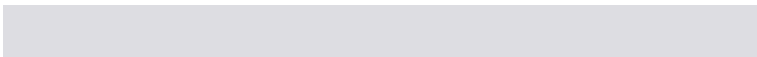
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6416, 0.3094, 0.3258



95.6986, 0.3081, 0.3246



72.6454, 0.3098, 0.3236



15.3932, 0.3070, 0.3234



7.6280, 0.1688, 0.1278



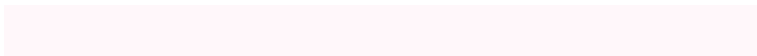
0.7009, 0.1773, 0.1584

Inverse Universe

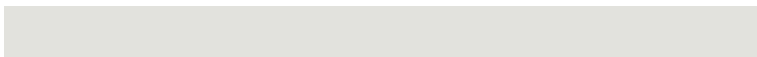
The Inverse Universe completely reimagines the original color for something new.



73.2090, 0.3149, 0.3269



94.9251, 0.3158, 0.3261



75.6914, 0.3156, 0.3343



15.2377, 0.3166, 0.3253



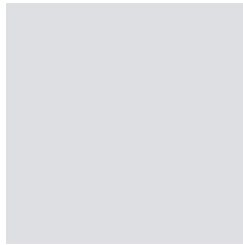
9.6781, 0.5357, 0.2725



0.6882, 0.4951, 0.2501

Previews

White Background



This preview shows how the Yxy color 73.6385, 0.3094, 0.3258 looks on a white background.

Color Contrast Check

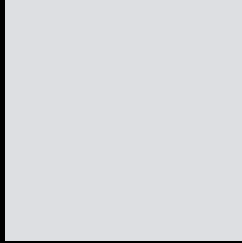
Large Text (above 18pt) WCAG AA × Fail

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 73.6385, 0.3094, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

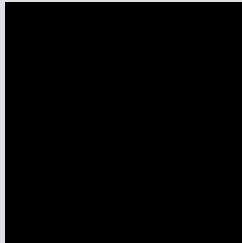
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

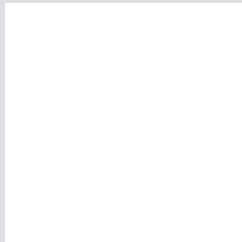
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6385, 0.3094, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 73.6385, 0.3094, 0.3258.

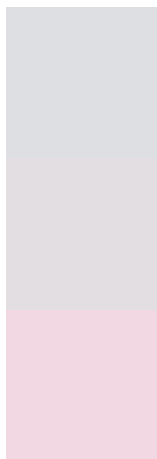


This preview shows how white text looks on a background with the Yxy color 73.6385, 0.3094, 0.3258.

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

73.6385, 0.3094, 0.3258

Protanopia

73.8475, 0.3136, 0.3258

Deuteranopia

73.5350, 0.3242, 0.3177



Tritanopia

73.6329, 0.3025, 0.3099

Trichromacy



Original Color

73.6385, 0.3094, 0.3258

Protanomaly

73.5261, 0.3122, 0.3258

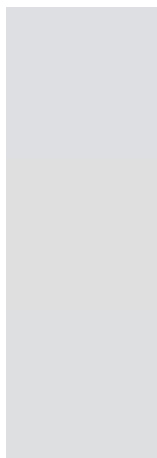
Deuteranomaly

73.7015, 0.3181, 0.3206

Tritanomaly

73.7127, 0.3050, 0.3162

Monochromacy



Original Color

73.6385, 0.3094, 0.3258

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.6868, 0.3114, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6385, 0.3094, 0.3258 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, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(221, 223, 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(221, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 223, 226) }
```

Border

The CSS property to change the border of an element to Yxy 73.6385, 0.3094, 0.3258 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, 223, 226) }
```

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

```
.border{ border-color:rgb(221, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(221, 223,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6385, 0.3094, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 223, 226) }
```

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

```
.background{ background-color: rgb(221,  
223, 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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