

Converting Colors

Yxy(73.4006, 0.3058, 0.3248)

Have a look what the booklet for
Yxy(73.4006, 0.3058, 0.3248)
contains.

Yxy(73.6091, 0.3059, 0.3257)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.6091, 0.3059, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	D9E0E3
RGB	217, 224, 227
RGB Percent	85%, 88%, 89%
CMY	0.1491, 0.1215, 0.1097
CMYK	0.04, 0.01, 0.00, 0.11
HSL	198°, 15%, 87%
HSV	198°, 4%, 89%
XYZ	69.1342, 73.6091, 83.2594
YIQ	222.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

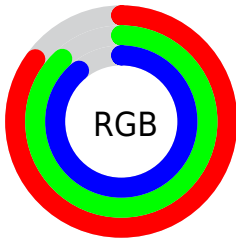
Format	Color
R_{YB}	217, 221, 227
Decimal	14278883
CIE _{Lab}	88.74, -1.79, -2.31
CIE _{LCh}	89, 2.920, 232.193
Yxy	73.6091, 0.3059, 0.3257
Android (android.graphics.Color)	4292468963 (0xFFD9E0E3)
YUV	222.2490, 2.3422, -4.6034
Hunter-Lab	85.7957, -6.3072, 2.5198

Details

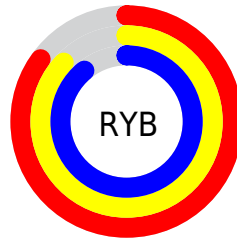
The Yxy color **73.6091, 0.3059, 0.3257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5319, 0.3198, 0.3323**, and the grayscale version is **73.2186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0359, 0.3039, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **66.7730, 0.2904, 0.3177**, and if you desaturate by 10%, it is **81.0774, 0.3212, 0.3329**.

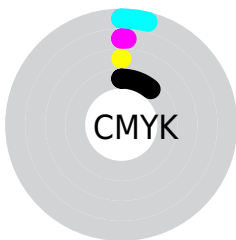
Distribution



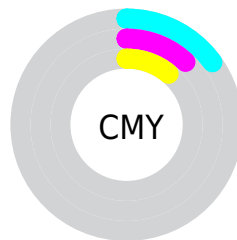
- Red (85%)
- Green (88%)
- Blue (89%)



- Red (85%)
- Yellow (87%)
- Blue (89%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6091, 0.3059, 0.3257 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 73.6091, 0.3059, 0.3257 by changing the saturation by 10% instead.

■ 73.6091, 0.3059,
0.3257

■ 73.6091, 0.3059,
0.3257

473.1231, 0.3090,
0.3272

■ 54.4742, 0.3052,
0.3253

124.3415, 0.3070,
0.3262

■ 38.9809, 0.3043,
0.3249

156.7078, 0.3074,
0.3264

■ 26.7448, 0.3032,
0.3244

194.2533, 0.3078,
0.3266

■ 17.3817, 0.3017,
0.3236

237.3624, 0.3081,
0.3268

■ 10.5070, 0.2997,
0.3226

286.4196, 0.3084,
0.3269

■ 5.7364, 0.2968,
0.3212

341.8092, 0.3086,

■ 2.6855, 0.2923,

0.3270

0.3188

403.9156, 0.3089,
0.3271

■ 0.9698, 0.2842,
0.3146

■ 0.0000, 0.0000,
0.0000

■ 73.6091, 0.3059,
0.3257

■ 73.6091, 0.3059,
0.3257

■ 66.7730, 0.2904,
0.3177

■ 81.0774, 0.3212,
0.3329

■ 60.5386, 0.2751,
0.3089

■ 87.7608, 0.3311,
0.3395

■ 54.8865, 0.2602,
0.2993

■ 91.8045, 0.3303,
0.3462

■ 49.7926, 0.2461,
0.2891

■ 96.0005, 0.3296,
0.3527

■ 45.2309, 0.2332,
0.2782

■ 98.3278, 0.3291,
0.3562

■ 41.1726, 0.2217,
0.2670

■ 37.5858, 0.2120,
0.2555

■ 34.4334, 0.2044,
0.2440

■ 31.6710, 0.1987,
0.2327

Harmonies

Analogous

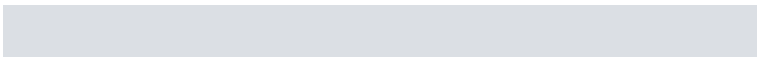
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6091, 0.3068, 0.3287



73.6091, 0.3059, 0.3257



73.6091, 0.3068, 0.3236

Triad

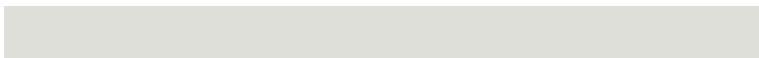
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6091, 0.3059, 0.3257



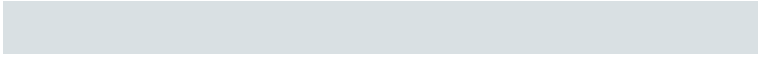
73.6091, 0.3161, 0.3263



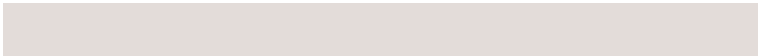
73.6091, 0.3162, 0.3351

Complementary

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



73.6091, 0.3059, 0.3257



72.5319, 0.3198, 0.3323

Split Complementary

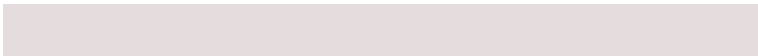
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6091, 0.3187, 0.3344



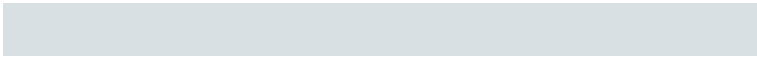
73.6091, 0.3059, 0.3257



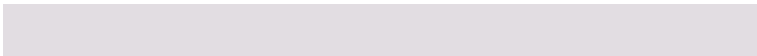
73.6091, 0.3187, 0.3293

Square

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



73.6091, 0.3059, 0.3257



73.6091, 0.3127, 0.3240



73.6091, 0.3196, 0.3323



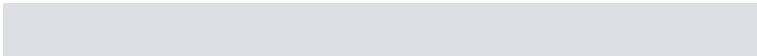
73.6091, 0.3127, 0.3341

Rectangle

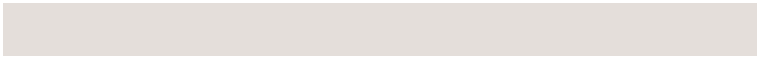
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6091, 0.3059, 0.3257



73.6091, 0.3083, 0.3230



73.6091, 0.3196, 0.3323



73.6091, 0.3172, 0.3351

Sweetspot

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



73.6122, 0.3059, 0.3257



99.0313, 0.3112, 0.3283



74.8711, 0.3103, 0.3367



21.2070, 0.3112, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

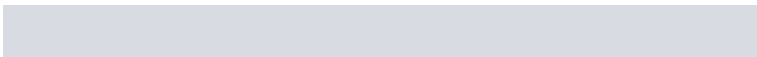
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6122, 0.3059, 0.3257



95.2396, 0.3050, 0.3252



70.9534, 0.3060, 0.3202



16.1506, 0.3040, 0.3247



17.8570, 0.1967, 0.2281



1.4805, 0.2013, 0.2446

Inverse Universe

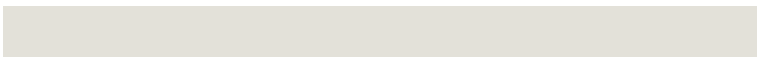
The Inverse Universe completely reimagines the original color for something new.



71.3328, 0.3152, 0.3215



91.8887, 0.3156, 0.3204



75.2067, 0.3194, 0.3376



15.5096, 0.3160, 0.3193



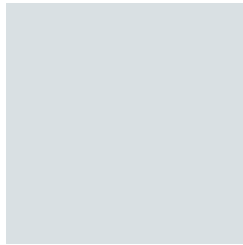
11.0004, 0.4146, 0.2058



0.8291, 0.3976, 0.1964

Previews

White Background



This preview shows how the Yxy color 73.6091, 0.3059, 0.3257 looks on a white background.

Color Contrast Check

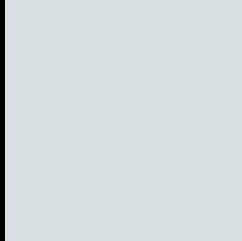
Large Text (above 18pt) WCAG AA × Fail

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 73.6091, 0.3059, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

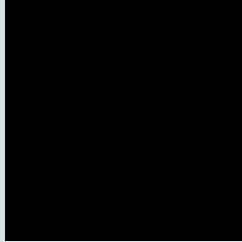
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

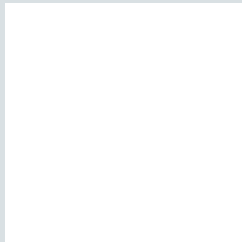
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6091, 0.3059, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 73.6091, 0.3059, 0.3257.

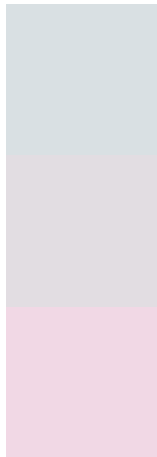


This preview shows how white text looks on a background with the Yxy color 73.6091, 0.3059, 0.3257.

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

73.6091, 0.3059, 0.3257

Protanopia

73.3726, 0.3130, 0.3237

Deuteranopia

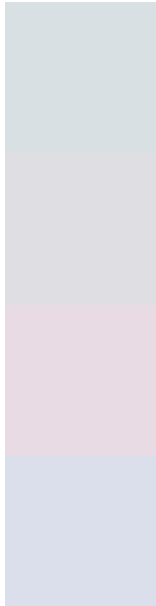
73.4696, 0.3221, 0.3156



Tritanopia

73.5939, 0.2991, 0.3098

Trichromacy



Original Color

73.6091, 0.3059, 0.3257

Protanomaly

73.4215, 0.3108, 0.3247

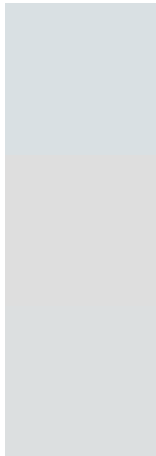
Deuteranomaly

73.4203, 0.3160, 0.3195

Tritanomaly

73.6789, 0.3016, 0.3161

Monochromacy



Original Color

73.6091, 0.3059, 0.3257

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.3728, 0.3100, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6091, 0.3059, 0.3257 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(217, 224, 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(217, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 224, 227) }
```

Border

The CSS property to change the border of an element to Yxy 73.6091, 0.3059, 0.3257 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, 227) }
```

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

```
.border{ border-color:rgb(217, 224, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(217, 224,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6091, 0.3059, 0.3257 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, 227) }
```

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

```
.background{ background-color: rgb(217,  
224, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor