

Converting Colors

Yxy(68.9156, 0.3088, 0.3253)

Have a look what the booklet for
Yxy(68.9156, 0.3088, 0.3253)
contains.

Yxy(69.0892, 0.3086, 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(69.0892, 0.3086, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	D6D9DC
RGB	214, 217, 220
RGB Percent	84%, 85%, 86%
CMY	0.1607, 0.1490, 0.1374
CMYK	0.03, 0.01, 0.00, 0.14
HSL	210°, 8%, 85%
HSV	210°, 3%, 86%
XYZ	65.4619, 69.0892, 77.5742
YIQ	216.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

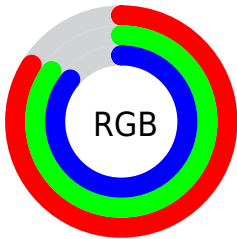
Format	Color
RYB	214, 216, 220
Decimal	14080476
CIELab	86.55, -0.46, -1.82
CIELCh	87, 1.878, 255.783
Yxy	69.0892, 0.3086, 0.3257
Android (android.graphics.Color)	4292270556 (0xFFD6D9DC)
YUV	216.4450, 1.7526, -2.1443
Hunter-Lab	83.1199, -4.8805, 2.8497

Details

The Yxy color **69.0892, 0.3086, 0.3257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6814, 0.3169, 0.3323**, and the grayscale version is **68.9796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9282, 0.3073, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **60.5438, 0.2930, 0.3126**, and if you desaturate by 10%, it is **78.4620, 0.3235, 0.3374**.

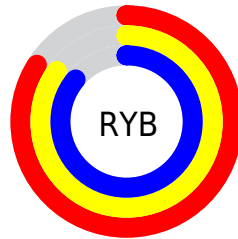
Distribution



Red (84%)

Green (85%)

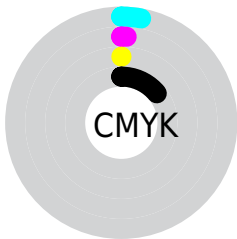
Blue (86%)



Red (84%)

Yellow (85%)

Blue (86%)

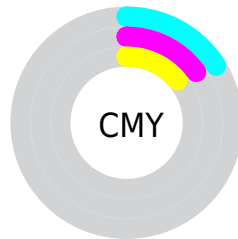


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (14%)



Cyan (16%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0892, 0.3086, 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 69.0892, 0.3086, 0.3257 by changing the saturation by 10% instead.

■ 69.0892, 0.3086,
0.3257

■ 69.0892, 0.3086,
0.3257

457.3455, 0.3105,
0.3273

■ 50.7844, 0.3082,
0.3253

117.9090, 0.3093,
0.3262

■ 36.0370, 0.3076,
0.3249

149.1927, 0.3095,
0.3265

■ 24.4628, 0.3069,
0.3243

185.5715, 0.3098,
0.3266

■ 15.6773, 0.3060,
0.3236

227.4298, 0.3100,
0.3268

■ 9.2961, 0.3047,
0.3225

275.1519, 0.3101,
0.3269

■ 4.9348, 0.3028,
0.3210

329.1223, 0.3103,

■ 2.2091, 0.2998,

0.3270

0.3185

389.7254, 0.3104,
0.3272

0.7249, 0.2922,
0.3126

0.0000, 0.0000,
0.0000

69.0892, 0.3086,
0.3257

69.0892, 0.3086,
0.3257

60.5438, 0.2930,
0.3126

78.4620, 0.3235,
0.3374

52.7918, 0.2768,
0.2981

88.1024, 0.3355,
0.3478

45.8100, 0.2605,
0.2821

94.7056, 0.3340,
0.3583

39.5702, 0.2442,
0.2647

97.9458, 0.3334,
0.3631

■ 34.0423, 0.2285,
0.2463

■ 29.1939, 0.2140,
0.2270

■ 24.9890, 0.2010,
0.2075

■ 21.3875, 0.1902,
0.1881

■ 18.3421, 0.1817,
0.1695

Harmonies

Analogous

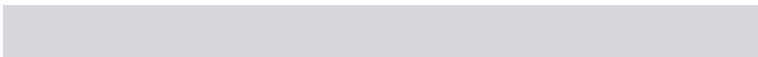
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.0892, 0.3083, 0.3272



69.0892, 0.3086, 0.3257



69.0892, 0.3100, 0.3251

Triad

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



69.0892, 0.3086, 0.3257



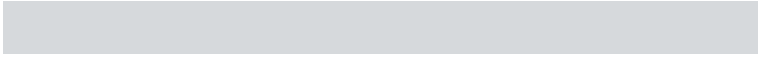
69.0892, 0.3163, 0.3288



69.0892, 0.3132, 0.3326

Complementary

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



69.0892, 0.3086, 0.3257



69.6814, 0.3169, 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.



69.0892, 0.3154, 0.3330



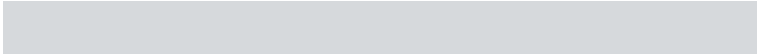
69.0892, 0.3086, 0.3257



69.0892, 0.3172, 0.3308

Square

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



69.0892, 0.3086, 0.3257



69.0892, 0.3145, 0.3268



69.0892, 0.3169, 0.3323



69.0892, 0.3109, 0.3312

Rectangle

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



69.0892, 0.3086, 0.3257



69.0892, 0.3114, 0.3252



69.0892, 0.3169, 0.3323



69.0892, 0.3140, 0.3329

Sweetspot

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



69.0922, 0.3086, 0.3257



98.7124, 0.3112, 0.3278



70.4733, 0.3105, 0.3324



21.1421, 0.3113, 0.3278



0.0000, 0.0000, 0.0000



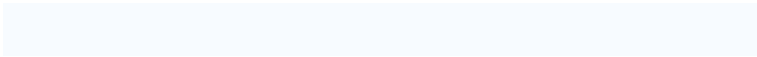
21.4041, 0.3127, 0.3290

Same Dimension

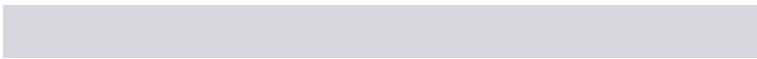
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0922, 0.3086, 0.3257



96.1723, 0.3081, 0.3253



67.6136, 0.3087, 0.3225



14.7504, 0.3070, 0.3244



9.8633, 0.1776, 0.1593



0.8114, 0.1858, 0.1887

Inverse Universe

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



68.3207, 0.3150, 0.3257



94.9730, 0.3153, 0.3253



71.1858, 0.3167, 0.3354



14.5210, 0.3160, 0.3244



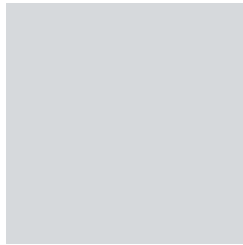
9.6195, 0.4940, 0.2495



0.6406, 0.4582, 0.2298

Previews

White Background



This preview shows how the Yxy color 69.0892, 0.3086, 0.3257 looks on a white background.

Color Contrast Check

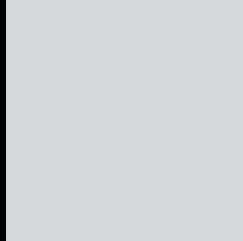
Large Text (above 18pt) WCAG AA × Fail

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 69.0892, 0.3086, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

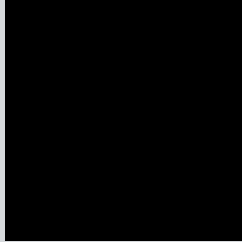
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

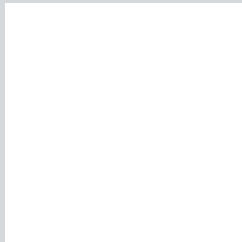
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0892, 0.3086, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 69.0892, 0.3086, 0.3257.

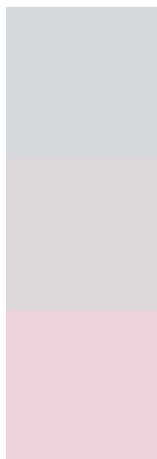


This preview shows how white text looks on a background with the Yxy color 69.0892, 0.3086, 0.3257.

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

69.0892, 0.3086, 0.3257

Protanopia

68.7754, 0.3129, 0.3246

Deuteranopia

68.9758, 0.3237, 0.3174



Tritanopia

69.0260, 0.3022, 0.3105

Trichromacy



Original Color

69.0892, 0.3086, 0.3257

Protanomaly

68.9779, 0.3114, 0.3257

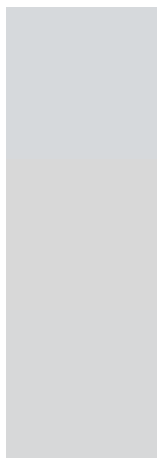
Deuteranomaly

69.1399, 0.3175, 0.3204

Tritanomaly

69.1602, 0.3041, 0.3158

Monochromacy



Original Color

69.0892, 0.3086, 0.3257

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5686, 0.3113, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0892, 0.3086, 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(214, 217, 220) looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 220)  
}
```

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(214, 217, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 220) }
```

Border

The CSS property to change the border of an element to Yxy 69.0892, 0.3086, 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(214, 217, 220) }
```

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

```
.border{ border-color:rgb(214, 217, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0892, 0.3086, 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(214, 217, 220) }
```

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

```
.background{ background-color: rgb(214,  
217, 220) }
```

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