

Converting Colors

Yxy(68.0861, 0.3096, 0.3252)

Have a look what the booklet for
Yxy(68.0861, 0.3096, 0.3252)
contains.

Yxy(68.0115, 0.3093, 0.3245)	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(68.0115, 0.3093, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	D6D7DB
RGB	214, 215, 219
RGB Percent	84%, 84%, 86%
CMY	0.1607, 0.1569, 0.1410
CMYK	0.02, 0.02, 0.00, 0.14
HSL	228°, 7%, 85%
HSV	228°, 2%, 86%
XYZ	64.8258, 68.0115, 76.7513
YIQ	215.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

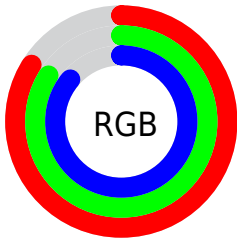
Format	Color
RYB	214, 215, 219
Decimal	14079963
CIELab	86.01, 0.41, -2.11
CIElCh	86, 2.151, 281.102
Yxy	68.0115, 0.3093, 0.3245
Android (android.graphics.Color)	4292270043 (0xFFD6D7DB)
YUV	215.1570, 1.8946, -1.0147
Hunter-Lab	82.4691, -4.0090, 2.5490

Details

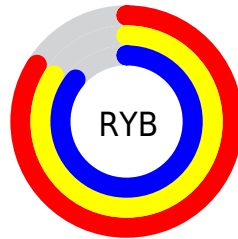
The Yxy color **68.0115, 0.3093, 0.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0948, 0.3161, 0.3335**, and the grayscale version is **68.0594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1929, 0.3082, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **56.4318, 0.2934, 0.3032**, and if you desaturate by 10%, it is **81.0089, 0.3236, 0.3432**.

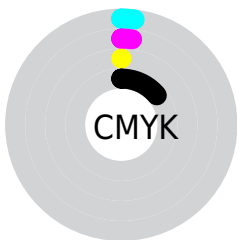
Distribution



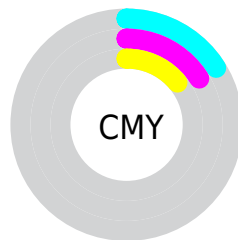
- Red (84%)
- Green (84%)
- Blue (86%)



- Red (84%)
- Yellow (84%)
- Blue (86%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0115, 0.3093, 0.3245 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 68.0115, 0.3093, 0.3245 by changing the saturation by 10% instead.

■ 68.0115, 0.3093,
0.3245

■ 68.0115, 0.3093,
0.3245

453.5368, 0.3109,
0.3266

■ 49.9071, 0.3089,
0.3240

116.3686, 0.3099,
0.3252

■ 35.3396, 0.3085,
0.3234

147.3901, 0.3101,
0.3255

■ 23.9246, 0.3079,
0.3226

183.4860, 0.3103,
0.3258

■ 15.2777, 0.3071,
0.3216

225.0408, 0.3104,
0.3260

■ 9.0145, 0.3060,
0.3202

272.4389, 0.3106,
0.3262

■ 4.7506, 0.3044,
0.3181

326.0647, 0.3107,

■ 2.1017, 0.3018,

0.3263

0.3147

386.3025, 0.3108,
0.3265

0.6656, 0.2947,
0.3052

0.0000, 0.0000,
0.0000

68.0115, 0.3093,
0.3245

68.0115, 0.3093,
0.3245

56.4318, 0.2934,
0.3032

81.0089, 0.3236,
0.3432

46.2130, 0.2761,
0.2793

94.9210, 0.3346,
0.3596

37.3071, 0.2575,
0.2529

97.8963, 0.3339,
0.3641

29.6601, 0.2381,
0.2243

■ 23.2139, 0.2186,
0.1943

■ 17.9059, 0.2000,
0.1642

■ 13.6678, 0.1832,
0.1355

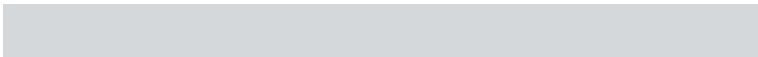
■ 10.4231, 0.1696,
0.1101

■ 8.0845, 0.1598,
0.0895

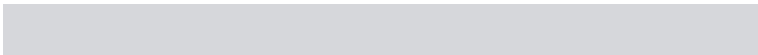
Harmonies

Analogous

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



68.0115, 0.3078, 0.3254



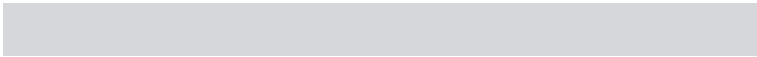
68.0115, 0.3093, 0.3245



68.0115, 0.3117, 0.3248

Triad

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



68.0115, 0.3093, 0.3245



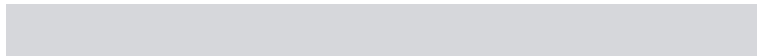
68.0115, 0.3178, 0.3307



68.0115, 0.3111, 0.3319

Complementary

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



68.0115, 0.3093, 0.3245



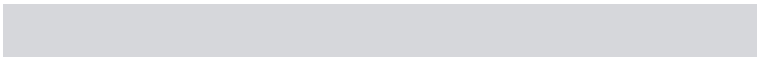
70.0948, 0.3161, 0.3335

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.



68.0115, 0.3137, 0.3333



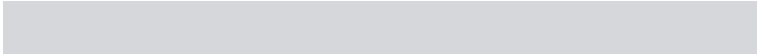
68.0115, 0.3093, 0.3245



68.0115, 0.3176, 0.3326

Square

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



68.0115, 0.3093, 0.3245



68.0115, 0.3166, 0.3284



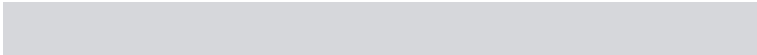
68.0115, 0.3162, 0.3336



68.0115, 0.3088, 0.3297

Rectangle

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



68.0115, 0.3093, 0.3245



68.0115, 0.3135, 0.3256



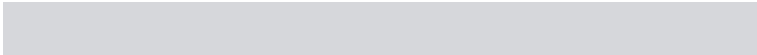
68.0115, 0.3162, 0.3336



68.0115, 0.3119, 0.3325

Sweetspot

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



68.0144, 0.3093, 0.3245



98.2161, 0.3112, 0.3270



70.0438, 0.3098, 0.3301



21.0411, 0.3113, 0.3271



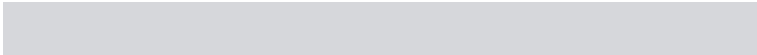
0.0000, 0.0000, 0.0000



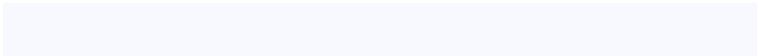
21.4041, 0.3127, 0.3290

Same Dimension

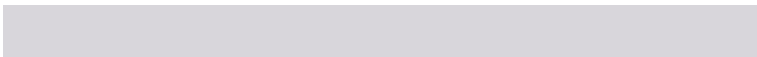
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.0144, 0.3093, 0.3245



94.7095, 0.3082, 0.3230



67.7464, 0.3104, 0.3234



14.4697, 0.3070, 0.3215



4.1619, 0.1554, 0.0794



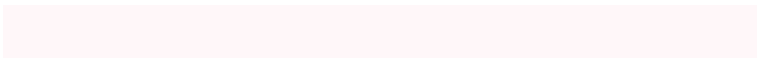
0.3904, 0.1635, 0.1085

Inverse Universe

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



68.0750, 0.3157, 0.3279



94.8253, 0.3167, 0.3276



70.3701, 0.3150, 0.3345



14.4927, 0.3178, 0.3272



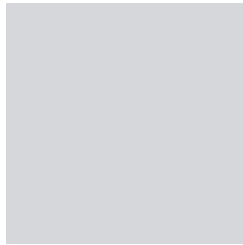
9.0439, 0.6079, 0.3123



0.5981, 0.5632, 0.2876

Previews

White Background



This preview shows how the Yxy color 68.0115, 0.3093, 0.3245 looks on a white background.

Color Contrast Check

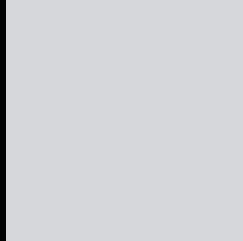
Large Text (above 18pt) WCAG AA × Fail

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 68.0115, 0.3093, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

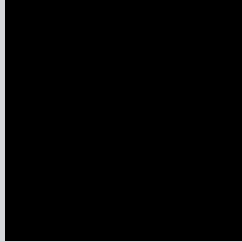
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

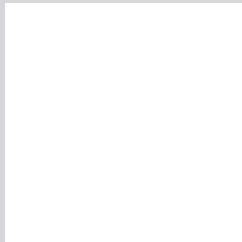
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0115, 0.3093, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 68.0115, 0.3093, 0.3245.

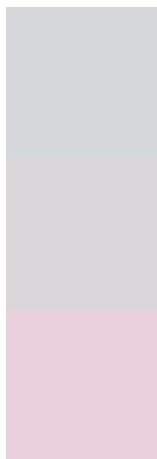


This preview shows how white text looks on a background with the Yxy color 68.0115, 0.3093, 0.3245.

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

68.0115, 0.3093, 0.3245

Protanopia

68.0605, 0.3129, 0.3246

Deuteranopia

67.6027, 0.3231, 0.3162



Tritanopia

67.9006, 0.3035, 0.3104

Trichromacy



Original Color

68.0115, 0.3093, 0.3245

Protanomaly

67.9068, 0.3122, 0.3246

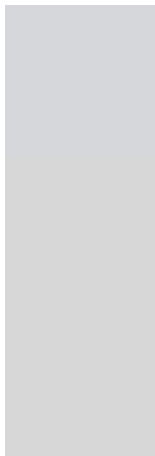
Deuteranomaly

67.9246, 0.3176, 0.3193

Tritanomaly

68.0312, 0.3054, 0.3158

Monochromacy



Original Color

68.0115, 0.3093, 0.3245

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.0058, 0.3120, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0115, 0.3093, 0.3245 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, 215, 219)` looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 219)  
}
```

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, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 219) }
```

Border

The CSS property to change the border of an element to Yxy 68.0115, 0.3093, 0.3245 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, 215, 219) }
```

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

```
.border{ border-color:rgb(214, 215, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0115, 0.3093, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 219) }
```

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

```
.background{ background-color: rgb(214,  
215, 219) }
```

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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