

Converting Colors

Yxy(68.7091, 0.3106, 0.3276)

Have a look what the booklet for
Yxy(68.7091, 0.3106, 0.3276)
contains.

Yxy(68.6208, 0.3107, 0.3268)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(68.6208, 0.3107, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D7D8DA
RGB	215, 216, 218
RGB Percent	84%, 85%, 85%
CMY	0.1567, 0.1530, 0.1452
CMYK	0.01, 0.01, 0.00, 0.15
HSL	220°, 4%, 85%
HSV	220°, 1%, 85%
XYZ	65.2402, 68.6208, 76.1170
YIQ	215.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

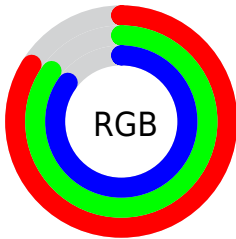
Format	Color
R _Y B	215, 216, 218
Decimal	14145754
CIE Lab	86.32, 0.04, -1.10
CIE LCh	86, 1.096, 272.138
Yxy	68.6208, 0.3107, 0.3268
Android (android.graphics.Color)	4292335834 (0xFFD7D8DA)
YUV	215.9290, 1.0210, -0.8147
Hunter-Lab	82.8377, -4.3854, 3.5066

Details

The Yxy color **68.6208, 0.3107, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4427, 0.3147, 0.3312**, and the grayscale version is **68.6162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6077, 0.3100, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **58.3534, 0.2951, 0.3093**, and if you desaturate by 10%, it is **80.0053, 0.3251, 0.3423**.

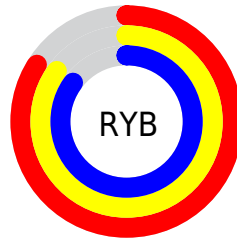
Distribution



Red (84%)

Green (85%)

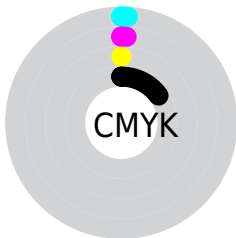
Blue (85%)



Red (84%)

Yellow (85%)

Blue (85%)

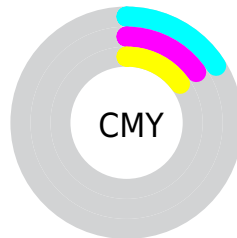


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.6208, 0.3107, 0.3268 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 68.6208, 0.3107, 0.3268 by changing the saturation by 10% instead.

■ 68.6208, 0.3107,
0.3268

■ 68.6208, 0.3107,
0.3268

455.6924, 0.3116,
0.3278

■ 50.4029, 0.3105,
0.3266

117.2398, 0.3110,
0.3272

■ 35.7337, 0.3102,
0.3263

148.4097, 0.3112,
0.3273

■ 24.2286, 0.3099,
0.3259

184.6658, 0.3113,
0.3274

■ 15.5033, 0.3094,
0.3254

226.3925, 0.3114,
0.3275

■ 9.1733, 0.3088,
0.3247

273.9741, 0.3114,
0.3276

■ 4.8544, 0.3078,
0.3237

327.7950, 0.3115,

■ 2.1621, 0.3063,

0.3277

0.3220

388.2396, 0.3116,
0.3278

0.6992, 0.3022,
0.3174

0.0000, 0.0000,
0.0000

68.6208, 0.3107,
0.3268

68.6208, 0.3107,
0.3268

58.3534, 0.2951,
0.3093

80.0053, 0.3251,
0.3423

49.1596, 0.2784,
0.2897

91.8356, 0.3359,
0.3560

41.0056, 0.2608,
0.2679

97.8406, 0.3346,
0.3651

33.8528, 0.2428,
0.2443

■ 27.6597, 0.2248,
0.2192

■ 22.3818, 0.2076,
0.1933

■ 17.9707, 0.1921,
0.1675

■ 14.3726, 0.1789,
0.1430

■ 11.5263, 0.1688,
0.1210

Harmonies

Analogous

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



68.6208, 0.3101, 0.3274



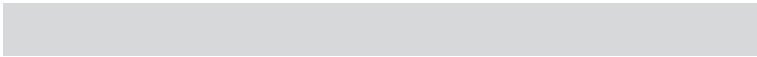
68.6208, 0.3107, 0.3268



68.6208, 0.3118, 0.3268

Triad

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



68.6208, 0.3107, 0.3268



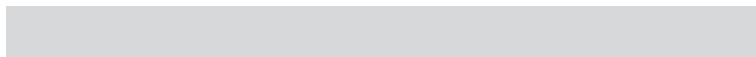
68.6208, 0.3152, 0.3295



68.6208, 0.3123, 0.3307

Complementary

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



68.6208, 0.3107, 0.3268



69.4427, 0.3147, 0.3312

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.



68.6208, 0.3136, 0.3313



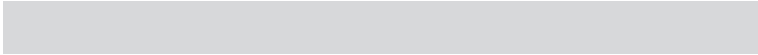
68.6208, 0.3107, 0.3268



68.6208, 0.3153, 0.3306

Square

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



68.6208, 0.3107, 0.3268



68.6208, 0.3144, 0.3283



68.6208, 0.3148, 0.3312



68.6208, 0.3110, 0.3297

Rectangle

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



68.6208, 0.3107, 0.3268



68.6208, 0.3127, 0.3271



68.6208, 0.3148, 0.3312



68.6208, 0.3127, 0.3310

Sweetspot

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



68.6237, 0.3107, 0.3268

100.0000, 0.3127, 0.3290



69.5914, 0.3113, 0.3301



21.4041, 0.3127, 0.3290



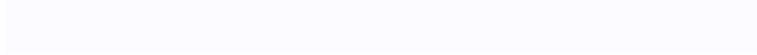
0.0000, 0.0000, 0.0000

Same Dimension

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



68.6237, 0.3107, 0.3268



96.8743, 0.3097, 0.3257



68.2079, 0.3111, 0.3257



15.0342, 0.3099, 0.3259



5.9253, 0.1631, 0.1070



0.5381, 0.1722, 0.1400

Inverse Universe

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



68.4794, 0.3142, 0.3279



96.5699, 0.3150, 0.3274



69.8633, 0.3143, 0.3322



14.9899, 0.3148, 0.3275



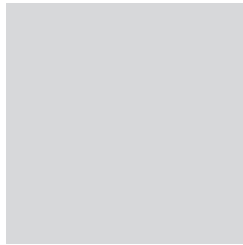
9.2219, 0.5654, 0.2888



0.6130, 0.5191, 0.2633

Previews

White Background



This preview shows how the Yxy color 68.6208, 0.3107, 0.3268 looks on a white background.

Color Contrast Check

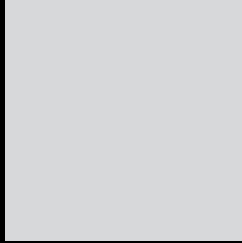
Large Text (above 18pt) WCAG AA × Fail

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 68.6208, 0.3107, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

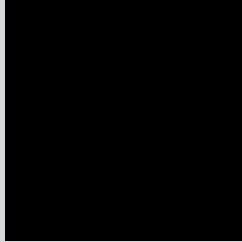
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

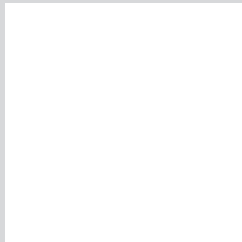
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.6208, 0.3107, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 68.6208, 0.3107, 0.3268.

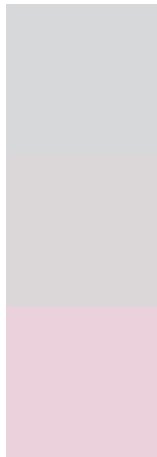


This preview shows how white text looks on a background with the Yxy color 68.6208, 0.3107, 0.3268.

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

68.6208, 0.3107, 0.3268

Protanopia

68.6707, 0.3143, 0.3268

Deuteranopia

68.3776, 0.3252, 0.3184



Tritanopia

68.6144, 0.3035, 0.3105

Trichromacy



Original Color

68.6208, 0.3107, 0.3268

Protanomaly

68.5161, 0.3135, 0.3268

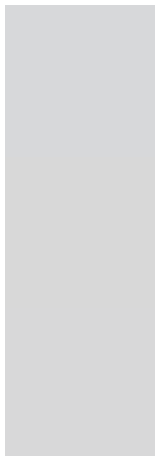
Deuteranomaly

68.6954, 0.3197, 0.3215

Tritanomaly

68.6908, 0.3061, 0.3169

Monochromacy



Original Color

68.6208, 0.3107, 0.3268

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.7204, 0.3120, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6208, 0.3107, 0.3268 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(215, 216, 218) looks like.

```
.text, #text, p{  
    color:rgb(215, 216, 218)  
}
```

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(215, 216, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 216, 218) }
```

Border

The CSS property to change the border of an element to Yxy 68.6208, 0.3107, 0.3268 is called "border". The border property can be set on classes, ids or directly on the HTML element.

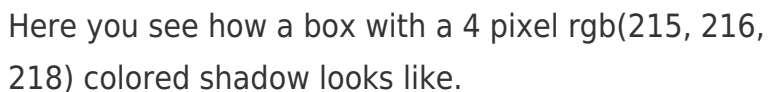
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 216, 218) }
```

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

```
.border{ border-color:rgb(215, 216, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 216, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 216, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 216, 218); box-shadow:4px 4px 4px 4px rgb(215, 216, 218) }
```

Background

The CSS property to change the background color of an element to Yxy 68.6208, 0.3107, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 216, 218) }
```

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

```
.background{ background-color: rgb(215,  
216, 218) }
```

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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