

Converting Colors

$Yxy(72.2422, 0.3117, 0.3344)$

Have a look what the booklet for
Yxy(72.2422, 0.3117, 0.3344)
contains.

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Color

Yxy(72.5890, 0.3118, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	D9DFDA
RGB	217, 223, 218
RGB Percent	85%, 87%, 85%
CMY	0.1489, 0.1255, 0.1452
CMYK	0.03, 0.00, 0.02, 0.13
HSL	129°, 9%, 86%
HSV	129°, 3%, 87%
XYZ	67.6629, 72.5890, 76.7555
YIQ	220.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

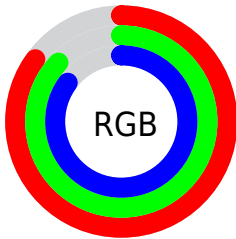
Format	Color
R _Y B	217, 222, 223
Decimal	14278618
CIE Lab	88.25, -2.91, 1.75
CIE LCh	88, 3.392, 149.011
Yxy	72.5890, 0.3118, 0.3345
Android (android.graphics.Color)	4292468698 (0xFFD9DFDA)
YUV	220.6360, -1.2995, -3.1888
Hunter-Lab	85.1992, -7.3386, 6.2253

Details

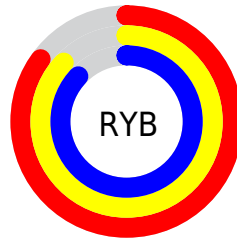
The Yxy color **72.5890, 0.3118, 0.3345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6100, 0.3136, 0.3236**, and the grayscale version is **72.0525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3310, 0.3115, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **68.4730, 0.3083, 0.3569**, and if you desaturate by 10%, it is **77.2846, 0.3152, 0.3149**.

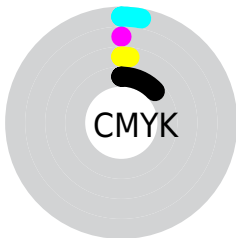
Distribution



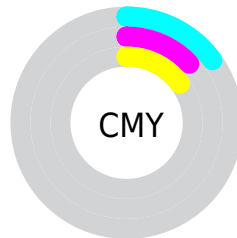
- Red (85%)
- Green (87%)
- Blue (85%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5890, 0.3118, 0.3345 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 72.5890, 0.3118, 0.3345 by changing the saturation by 10% instead.

■ 72.5890, 0.3118,
0.3345

■ 72.5890, 0.3118,
0.3345

469.5891, 0.3122,
0.3320

■ 53.6400, 0.3117,
0.3351

122.8936, 0.3120,
0.3336

■ 38.3139, 0.3116,
0.3358

155.0179, 0.3120,
0.3333

■ 26.2264, 0.3114,
0.3367

192.3027, 0.3121,
0.3330

■ 16.9931, 0.3112,
0.3380

235.1326, 0.3121,
0.3327

■ 10.2296, 0.3109,
0.3396

283.8917, 0.3121,
0.3325

■ 5.5514, 0.3105,
0.3421

338.9646, 0.3122,

■ 2.5743, 0.3098,

0.3323

0.3460

400.7356, 0.3122,
0.3321

0.9138, 0.3086,
0.3537

0.0000, 0.0000,
0.0000

72.5890, 0.3118,
0.3345

72.5890, 0.3118,
0.3345

68.4730, 0.3083,
0.3569

77.2846, 0.3152,
0.3149

64.9052, 0.3048,
0.3821

81.2540, 0.3142,
0.2980

61.8651, 0.3014,
0.4100

59.3274, 0.2983,
0.4402

■ 57.2650, 0.2958,
0.4717

■ 55.6478, 0.2941,
0.5030

■ 54.4425, 0.2934,
0.5324

■ 53.6108, 0.2938,
0.5578

■ 53.1073, 0.2953,
0.5775

Harmonies

Analogous

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



72.5890, 0.3159, 0.3360



72.5890, 0.3118, 0.3345



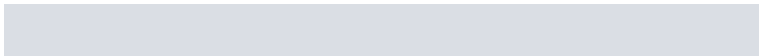
72.5890, 0.3080, 0.3315

Triad

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



72.5890, 0.3118, 0.3345



72.5890, 0.3063, 0.3224



72.5890, 0.3201, 0.3302

Complementary

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



72.5890, 0.3118, 0.3345



70.6100, 0.3136, 0.3236

Split Complementary

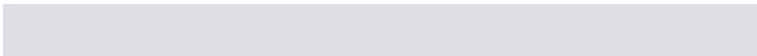
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5890, 0.3175, 0.3266



72.5890, 0.3118, 0.3345



72.5890, 0.3095, 0.3221

Square

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



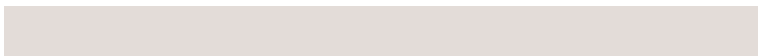
72.5890, 0.3118, 0.3345



72.5890, 0.3048, 0.3245



72.5890, 0.3136, 0.3236



72.5890, 0.3207, 0.3335

Rectangle

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



72.5890, 0.3118, 0.3345



72.5890, 0.3061, 0.3290



72.5890, 0.3136, 0.3236



72.5890, 0.3194, 0.3290

Sweetspot

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



72.5921, 0.3118, 0.3345



99.3819, 0.3124, 0.3311



73.3317, 0.3160, 0.3355



21.2783, 0.3124, 0.3310



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.



72.5921, 0.3118, 0.3345



98.1695, 0.3117, 0.3352



72.7473, 0.3099, 0.3313



15.8943, 0.3114, 0.3368



31.1132, 0.2961, 0.5861



2.1676, 0.2892, 0.5611

Inverse Universe

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



70.6100, 0.3136, 0.3236



95.1386, 0.3138, 0.3228



70.4537, 0.3156, 0.3267



15.2810, 0.3140, 0.3213



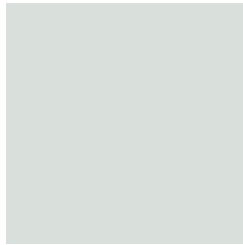
11.3722, 0.3649, 0.1784



0.7984, 0.3570, 0.1740

Previews

White Background



This preview shows how the Yxy color 72.5890, 0.3118, 0.3345 looks on a white background.

Color Contrast Check

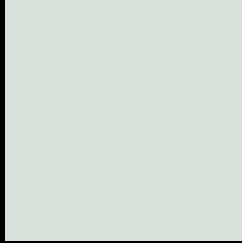
Large Text (above 18pt) WCAG AA × Fail

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 72.5890, 0.3118, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

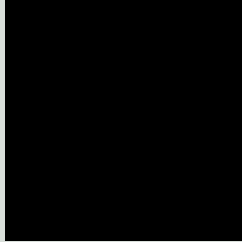
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

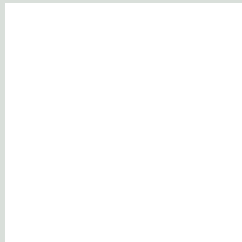
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5890, 0.3118, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 72.5890, 0.3118, 0.3345.

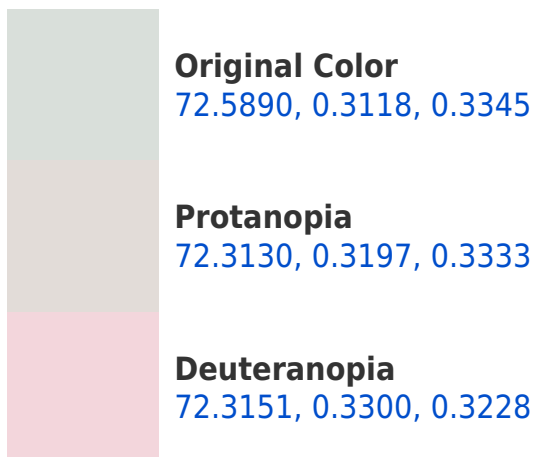


This preview shows how white text looks on a background with the Yxy color 72.5890, 0.3118, 0.3345.

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

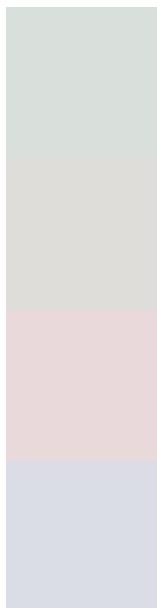




Tritanopia

72.5165, 0.3017, 0.3108

Trichromacy



Original Color

72.5890, 0.3118, 0.3345

Protanomaly

72.4106, 0.3168, 0.3334

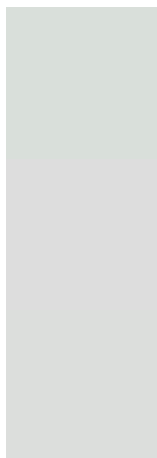
Deuteranomaly

72.2326, 0.3237, 0.3269

Tritanomaly

72.4861, 0.3055, 0.3193

Monochromacy



Original Color

72.5890, 0.3118, 0.3345

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6255, 0.3126, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5890, 0.3118, 0.3345 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, 223, 218)` looks like.

```
.text, #text, p{  
    color:rgb(217, 223, 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(217, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 223, 218) }
```

Border

The CSS property to change the border of an element to Yxy 72.5890, 0.3118, 0.3345 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, 223, 218) }
```

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

```
.border{ border-color:rgb(217, 223, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 223, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 223, 218);  
box-shadow:4px 4px 4px 4px rgb(217, 223,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5890, 0.3118, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 223, 218) }
```

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

```
.background{ background-color: rgb(217,  
223, 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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