

Converting Colors

$Yxy(69.9572, 0.3094, 0.3202)$

Have a look what the booklet for
Yxy(69.9572, 0.3094, 0.3202)
contains.

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Color

Yxy(70.1220, 0.3088, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	DBD9E1
RGB	219, 217, 225
RGB Percent	86%, 85%, 88%
CMY	0.1414, 0.1489, 0.1177
CMYK	0.03, 0.04, 0.00, 0.12
HSL	255°, 12%, 87%
HSV	255°, 4%, 88%
XYZ	67.6044, 70.1220, 81.1997
YIQ	218.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

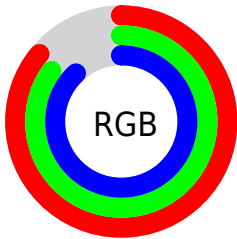
Format	Color
R _Y B	219, 217, 225
Decimal	14408161
CIE Lab	87.06, 2.11, -3.68
CIE LCh	87, 4.247, 299.831
Yxy	70.1220, 0.3088, 0.3203
Android (android.graphics.Color)	4292598241 (0xFFD9E1)
YUV	218.5100, 3.1996, 0.4297
Hunter-Lab	83.7389, -2.4358, 1.1251

Details

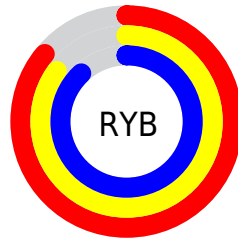
The Yxy color `70.1220, 0.3088, 0.3203` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74.5556, 0.3165, 0.3376`, and the grayscale version is `70.4565, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `36.6355, 0.3076, 0.3176` is the 20% darker color. If you saturate the color by 10%, you get `56.7940, 0.2966, 0.2938`, and if you desaturate by 10%, it is `85.3083, 0.3193, 0.3439`.

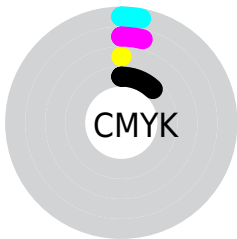
Distribution



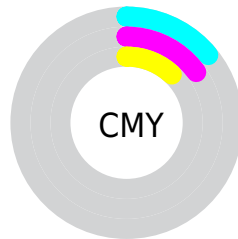
- Red (86%)
- Green (85%)
- Blue (88%)



- Red (86%)
- Yellow (85%)
- Blue (88%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1220, 0.3088, 0.3203 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 70.1220, 0.3088, 0.3203 by changing the saturation by 10% instead.

■ 70.1220, 0.3088,
0.3203

■ 70.1220, 0.3088,
0.3203

460.9783, 0.3106,
0.3243

■ 51.6260, 0.3084,
0.3194

119.3827, 0.3094,
0.3217

■ 36.7071, 0.3078,
0.3182

150.9162, 0.3097,
0.3223

■ 24.9808, 0.3072,
0.3168

187.5644, 0.3099,
0.3227

■ 16.0627, 0.3063,
0.3148

229.7115, 0.3101,
0.3231

■ 9.5685, 0.3051,
0.3122

277.7421, 0.3103,
0.3235

■ 5.1138, 0.3033,
0.3084

332.0405, 0.3104,

■ 2.3142, 0.3004,

0.3238

0.3024

392.9911, 0.3105,
0.3241

0.7812, 0.2951,
0.2903

0.0000, 0.0000,
0.0000

70.1220, 0.3088,
0.3203

70.1220, 0.3088,
0.3203

56.7940, 0.2966,
0.2938

85.3083, 0.3193,
0.3439

45.2436, 0.2826,
0.2646

97.8504, 0.3291,
0.3583

35.3975, 0.2669,
0.2331

98.2158, 0.3304,
0.3582

27.1737, 0.2497,
0.2002

■ 20.4835, 0.2315,
0.1672

■ 15.2292, 0.2133,
0.1359

■ 11.3021, 0.1960,
0.1086

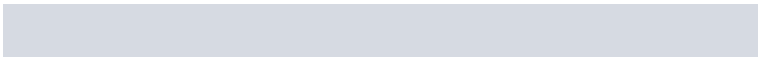
■ 8.5768, 0.1808,
0.0873

■ 6.9032, 0.1688,
0.0730

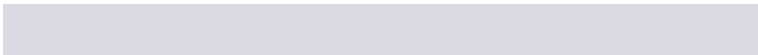
Harmonies

Analogous

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



70.1220, 0.3047, 0.3206



70.1220, 0.3088, 0.3203



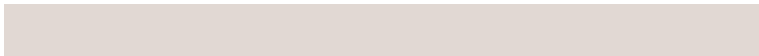
70.1220, 0.3140, 0.3223

Triad

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



70.1220, 0.3088, 0.3203



70.1220, 0.3228, 0.3348



70.1220, 0.3066, 0.3320

Complementary

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



70.1220, 0.3088, 0.3203



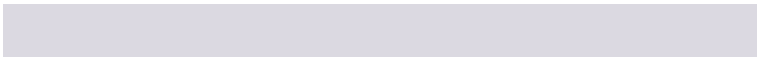
74.5556, 0.3165, 0.3376

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.



70.1220, 0.3114, 0.3359



70.1220, 0.3088, 0.3203



70.1220, 0.3208, 0.3375

Square

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



70.1220, 0.3088, 0.3203



70.1220, 0.3221, 0.3306



70.1220, 0.3166, 0.3379



70.1220, 0.3034, 0.3273

Rectangle

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



70.1220, 0.3088, 0.3203



70.1220, 0.3174, 0.3247



70.1220, 0.3166, 0.3379



70.1220, 0.3081, 0.3334

Sweetspot

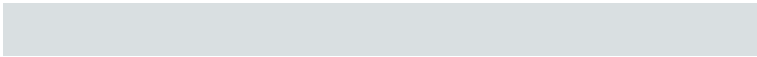
The Sweet Spot groups the original color and five complimentary colors.



70.1250, 0.3088, 0.3203



98.0190, 0.3116, 0.3266



73.0372, 0.3073, 0.3270



21.0010, 0.3117, 0.3267



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.



70.1250, 0.3088, 0.3203



92.2267, 0.3082, 0.3191



70.7396, 0.3116, 0.3204



14.7892, 0.3075, 0.3173



3.6368, 0.1640, 0.0677



0.2933, 0.1794, 0.0762

Inverse Universe

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



70.9744, 0.3144, 0.3225



93.5060, 0.3147, 0.3216



73.9403, 0.3138, 0.3377



15.0322, 0.3150, 0.3203



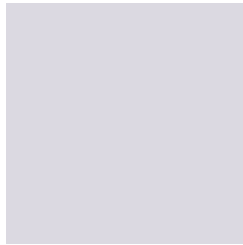
10.9285, 0.3931, 0.1939



0.7713, 0.3796, 0.1865

Previews

White Background



This preview shows how the Yxy color 70.1220, 0.3088, 0.3203 looks on a white background.

Color Contrast Check

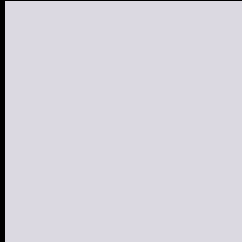
Large Text (above 18pt) WCAG AA × Fail

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 70.1220, 0.3088, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

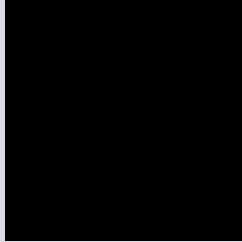
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

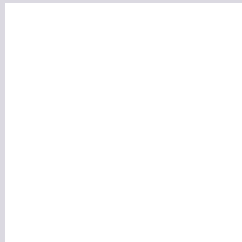
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1220, 0.3088, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 70.1220, 0.3088, 0.3203.

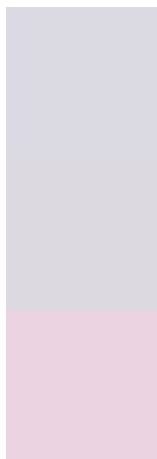


This preview shows how white text looks on a background with the Yxy color 70.1220, 0.3088, 0.3203.

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

70.1220, 0.3088, 0.3203

Protanopia

70.2776, 0.3095, 0.3203

Deuteranopia

69.7417, 0.3201, 0.3132



Tritanopia

70.2106, 0.3043, 0.3107

Trichromacy



Original Color

70.1220, 0.3088, 0.3203

Protanomaly

70.2776, 0.3095, 0.3203

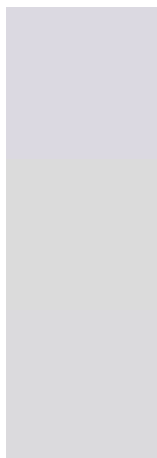
Deuteranomaly

69.7375, 0.3156, 0.3151

Tritanomaly

70.0405, 0.3063, 0.3138

Monochromacy



Original Color

70.1220, 0.3088, 0.3203

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.4233, 0.3114, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1220, 0.3088, 0.3203 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(219, 217, 225)` looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 225)  
}
```

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(219, 217, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 225) }
```

Border

The CSS property to change the border of an element to Yxy 70.1220, 0.3088, 0.3203 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(219, 217, 225) }
```

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

```
.border{ border-color:rgb(219, 217, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 217, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 225);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1220, 0.3088, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 225) }
```

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

```
.background{ background-color: rgb(219,  
217, 225) }
```

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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