

Converting Colors

$Y_{xy}(70.5292, 0.3113, 0.3290)$

Have a look what the booklet for
Yxy(70.5292, 0.3113, 0.3290)
contains.

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Color

Yxy(70.5292, 0.3113, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	D9DBDB
RGB	217, 219, 219
RGB Percent	85%, 86%, 86%
CMY	0.1490, 0.1412, 0.1412
CMYK	0.01, 0.00, 0.00, 0.14
HSL	180°, 3%, 85%
HSV	180°, 1%, 86%
XYZ	66.7348, 70.5292, 77.1105
YIQ	218.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

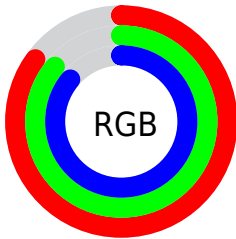
Format	Color
R _Y B	217, 218, 219
Decimal	14277595
CIE Lab	87.26, -0.67, -0.24
CIE LCh	87, 0.711, 200.082
Yxy	70.5292, 0.3113, 0.3290
Android (android.graphics.Color)	4292467675 (0xFFD9DBDB)
YUV	218.4020, 0.2948, -1.2296
Hunter-Lab	83.9817, -5.1256, 4.3481

Details

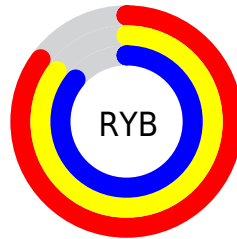
The Yxy color **70.5292, 0.3113, 0.3290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7031, 0.3141, 0.3290**, and the grayscale version is **70.4041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9126, 0.3108, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **67.3921, 0.2961, 0.3290**, and if you desaturate by 10%, it is **74.1177, 0.3271, 0.3290**.

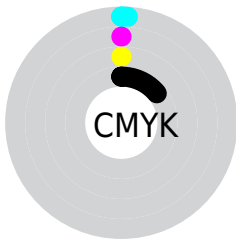
Distribution



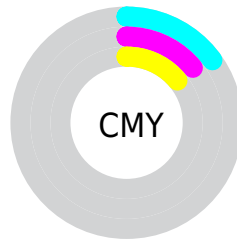
- Red (85%)
- Green (86%)
- Blue (86%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5292, 0.3113, 0.3290 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 70.5292, 0.3113, 0.3290 by changing the saturation by 10% instead.

■ 70.5292, 0.3113,
0.3290

■ 70.5292, 0.3113,
0.3290

462.4059, 0.3120,
0.3290

■ 51.9581, 0.3111,
0.3290

119.9631, 0.3115,
0.3290

■ 36.9717, 0.3110,
0.3290

151.5947, 0.3116,
0.3290

■ 25.1856, 0.3107,
0.3290

188.3486, 0.3117,
0.3290

■ 16.2154, 0.3104,
0.3290

230.6091, 0.3118,
0.3290

■ 9.6767, 0.3100,
0.3290

278.7607, 0.3118,
0.3290

■ 5.1851, 0.3093,
0.3290

333.1878, 0.3119,

■ 2.3563, 0.3083,

0.3290

0.3289

394.2748, 0.3119,
0.3290

0.8033, 0.3060,
0.3289

0.0000, 0.0000,
0.0000

70.5292, 0.3113,
0.3290

70.5292, 0.3113,
0.3290

67.3921, 0.2961,
0.3290

74.1177, 0.3271,
0.3290

64.6799, 0.2818,
0.3291


77.0458, 0.3389,
0.3289

62.3771, 0.2686,
0.3291

77.0493, 0.3388,
0.3289

60.4638, 0.2570,
0.3292

77.0529, 0.3388,
0.3288

 58.9185, 0.2470,
0.3293


 77.0564, 0.3388,
0.3287

 57.7174, 0.2389,
0.3293

 77.0600, 0.3387,
0.3287

 56.8341, 0.2327,
0.3294

 77.0636, 0.3387,
0.3286

 56.2385, 0.2285,
0.3295

 77.0671, 0.3386,
0.3285

 55.8945, 0.2260,
0.3296

 77.0707, 0.3386,
0.3285

Harmonies

Analogous

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



70.5292, 0.3119, 0.3298



70.5292, 0.3113, 0.3290



70.5292, 0.3110, 0.3283

Triad

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



70.5292, 0.3113, 0.3290



70.5292, 0.3127, 0.3277



70.5292, 0.3142, 0.3303

Complementary

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



70.5292, 0.3113, 0.3290



69.7031, 0.3141, 0.3290

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.



70.5292, 0.3144, 0.3298



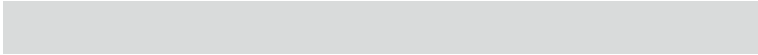
70.5292, 0.3113, 0.3290



70.5292, 0.3135, 0.3283

Square

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



70.5292, 0.3113, 0.3290



70.5292, 0.3118, 0.3275



70.5292, 0.3142, 0.3290



70.5292, 0.3136, 0.3305

Rectangle

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



70.5292, 0.3113, 0.3290



70.5292, 0.3111, 0.3279



70.5292, 0.3142, 0.3290



70.5292, 0.3143, 0.3302

Sweetspot

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



70.5322, 0.3113, 0.3290

100.0000, 0.3127, 0.3290



70.4334, 0.3126, 0.3312



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.



70.5322, 0.3113, 0.3290



99.5191, 0.3111, 0.3290



70.0320, 0.3113, 0.3279



15.4175, 0.3112, 0.3290



33.0527, 0.2249, 0.3297



2.1415, 0.2249, 0.3295

Inverse Universe

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



69.7031, 0.3141, 0.3290



98.2211, 0.3143, 0.3290



70.2003, 0.3141, 0.3301



15.2294, 0.3142, 0.3290



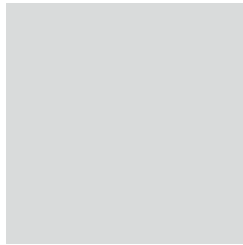
8.9311, 0.6397, 0.3298



0.5788, 0.6386, 0.3292

Previews

White Background



This preview shows how the Yxy color 70.5292, 0.3113, 0.3290 looks on a white background.

Color Contrast Check

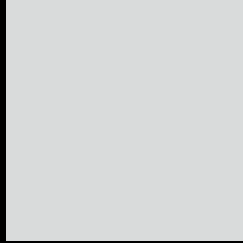
Large Text (above 18pt) WCAG AA × Fail

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 70.5292, 0.3113, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

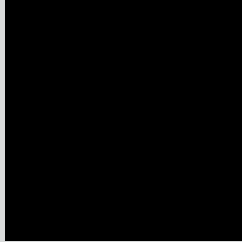
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

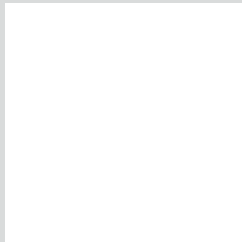
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5292, 0.3113, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 70.5292, 0.3113, 0.3290.

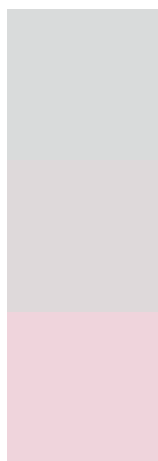


This preview shows how white text looks on a background with the Yxy color 70.5292, 0.3113, 0.3290.

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

70.5292, 0.3113, 0.3290

Protanopia

70.2173, 0.3157, 0.3279

Deuteranopia

70.6050, 0.3272, 0.3206



Tritanopia

70.6263, 0.3030, 0.3107

Trichromacy



Original Color

70.5292, 0.3113, 0.3290

Protanomaly

70.4204, 0.3142, 0.3290

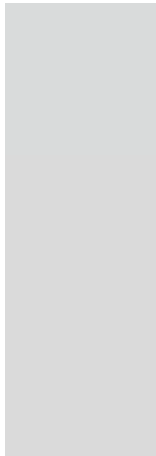
Deuteranomaly

70.7571, 0.3210, 0.3237

Tritanomaly

70.7054, 0.3055, 0.3170

Monochromacy



Original Color

70.5292, 0.3113, 0.3290

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.1102, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5292, 0.3113, 0.3290 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, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(217, 219, 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(217, 219, 219) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 70.5292, 0.3113, 0.3290 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, 219, 219) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Yxy 70.5292, 0.3113, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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