

Converting Colors

Yxy(67.1036, 0.3133, 0.3279)

Have a look what the booklet for
Yxy(67.1036, 0.3133, 0.3279)
contains.

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Color

Yxy(66.8906, 0.3135, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D7D5D6
RGB	215, 213, 214
RGB Percent	84%, 84%, 84%
CMY	0.1569, 0.1647, 0.1608
CMYK	0.00, 0.01, 0.00, 0.16
HSL	330°, 2%, 84%
HSV	330°, 1%, 84%
XYZ	63.9530, 66.8906, 73.1533
YIQ	213.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

Format	Color
RYB	215, 213, 214
Decimal	14144982
CIELab	85.45, 0.86, -0.26
CIELCh	85, 0.897, 343.383
Yxy	66.8906, 0.3135, 0.3279
Android (android.graphics.Color)	4292335062 (0xFFD7D5D6)
YUV	213.7120, 0.1420, 1.1296
Hunter-Lab	81.7867, -3.5487, 4.2193

Details

The Yxy color **66.8906, 0.3135, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5991, 0.3119, 0.3301**, and the grayscale version is **67.0406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4305, 0.3138, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **56.2501, 0.3229, 0.3156**, and if you desaturate by 10%, it is **79.0073, 0.3057, 0.3394**.

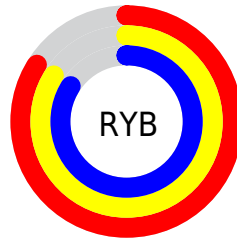
Distribution



Red (84%)

Green (84%)

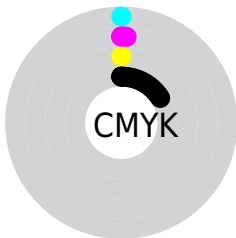
Blue (84%)



Red (84%)

Yellow (84%)

Blue (84%)

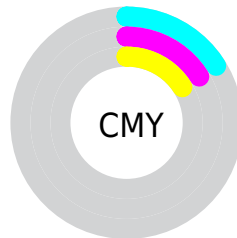


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8906, 0.3135, 0.3279 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 66.8906, 0.3135, 0.3279 by changing the saturation by 10% instead.

■ 66.8906, 0.3135,
0.3279

■ 66.8906, 0.3135,
0.3279

449.5553, 0.3131,
0.3284

■ 48.9957, 0.3136,
0.3278

114.7636, 0.3134,
0.3281

■ 34.6161, 0.3137,
0.3276

145.5106, 0.3133,
0.3282

■ 23.3673, 0.3138,
0.3274

181.3104, 0.3133,
0.3282

■ 14.8650, 0.3140,
0.3272

222.5473, 0.3132,
0.3283

■ 8.7247, 0.3142,
0.3268

269.6059, 0.3132,
0.3283

■ 4.5620, 0.3146,
0.3263

322.8705, 0.3132,

■ 1.9927, 0.3152,

0.3284

382.7255, 0.3132,
0.3284

0.3254

0.6032, 0.3174,
0.3222

0.0000, 0.0000,
0.0000

66.8906, 0.3135,
0.3279

66.8906, 0.3135,
0.3279

56.2501, 0.3229,
0.3156

79.0073, 0.3057,
0.3394

47.0205, 0.3343,
0.3026

92.0008, 0.2993,
0.3491

39.1442, 0.3480,
0.2893

92.6479, 0.2934,
0.3377

32.5567, 0.3642,
0.2762

93.1857, 0.2889,
0.3289

■ 27.1877, 0.3830,
0.2639

■ 22.9603, 0.4045,
0.2536

■ 19.7890, 0.4281,
0.2464

■ 17.5758, 0.4529,
0.2436

■ 16.2038, 0.4778,
0.2462

Harmonies

Analogous

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



66.8906, 0.3124, 0.3273



66.8906, 0.3135, 0.3279



66.8906, 0.3144, 0.3288

Triad

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



66.8906, 0.3135, 0.3279



66.8906, 0.3141, 0.3309



66.8906, 0.3106, 0.3282

Complementary

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



66.8906, 0.3135, 0.3279



67.5991, 0.3119, 0.3301

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.



66.8906, 0.3110, 0.3292



66.8906, 0.3135, 0.3279



66.8906, 0.3131, 0.3308

Square

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



66.8906, 0.3135, 0.3279



66.8906, 0.3148, 0.3306



66.8906, 0.3120, 0.3302



66.8906, 0.3107, 0.3275

Rectangle

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



66.8906, 0.3135, 0.3279



66.8906, 0.3148, 0.3295



66.8906, 0.3120, 0.3302



66.8906, 0.3107, 0.3286

Sweetspot

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



66.8935, 0.3135, 0.3279

100.0000, 0.3127, 0.3290



66.7951, 0.3121, 0.3268



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.



66.8935, 0.3135, 0.3279



98.3014, 0.3136, 0.3278



66.8433, 0.3142, 0.3290



14.4984, 0.3135, 0.3279



9.2945, 0.4962, 0.2507



0.5773, 0.4578, 0.2296

Inverse Universe

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



66.8935, 0.3135, 0.3279



98.3014, 0.3136, 0.3278



67.6496, 0.3113, 0.3290



14.4984, 0.3135, 0.3279



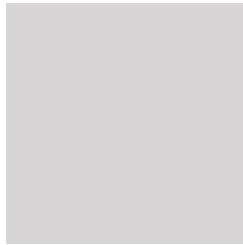
9.2945, 0.4962, 0.2507



0.5773, 0.4578, 0.2296

Previews

White Background



This preview shows how the Yxy color 66.8906, 0.3135, 0.3279 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 66.8906, 0.3135, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

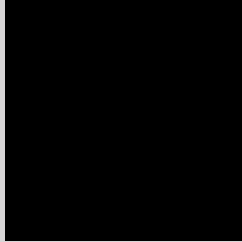
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

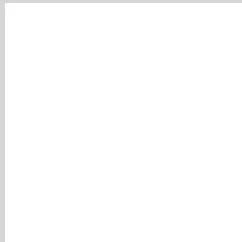
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8906, 0.3135, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 66.8906, 0.3135, 0.3279.

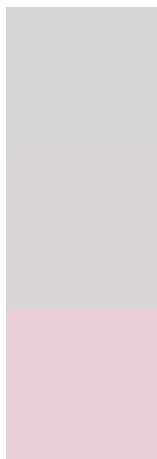


This preview shows how white text looks on a background with the Yxy color 66.8906, 0.3135, 0.3279.

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

66.8906, 0.3135, 0.3279

Protanopia

66.6937, 0.3150, 0.3268

Deuteranopia

66.8556, 0.3268, 0.3204



Tritanopia

66.9417, 0.3056, 0.3103

Trichromacy



Original Color

66.8906, 0.3135, 0.3279

Protanomaly

66.5409, 0.3143, 0.3268

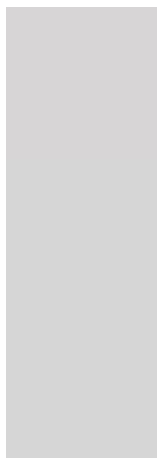
Deuteranomaly

66.6760, 0.3213, 0.3225

Tritanomaly

67.0136, 0.3082, 0.3168

Monochromacy



Original Color

66.8906, 0.3135, 0.3279

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.2443, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8906, 0.3135, 0.3279 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, 213, 214)` looks like.

```
.text, #text, p{  
    color:rgb(215, 213, 214)  
}
```

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, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 213, 214) }
```

Border

The CSS property to change the border of an element to Yxy 66.8906, 0.3135, 0.3279 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, 213, 214) }
```

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

```
.border{ border-color:rgb(215, 213, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 213, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(215, 213,  
214) }
```

Background

The CSS property to change the background color of an element to Yxy 66.8906, 0.3135, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 213, 214) }
```

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

```
.background{ background-color: rgb(215,  
213, 214) }
```

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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