

Converting Colors

Yxy(66.7792, 0.3142, 0.3210)

Have a look what the booklet for
Yxy(66.7792, 0.3142, 0.3210)
contains.

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Color

Yxy(66.8661, 0.3146, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	DCD3DA
RGB	220, 211, 218
RGB Percent	86%, 83%, 85%
CMY	0.1371, 0.1726, 0.1452
CMYK	0.00, 0.04, 0.01, 0.14
HSL	314°, 11%, 85%
HSV	314°, 4%, 86%
XYZ	65.4718, 66.8661, 75.7733
YIQ	214.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

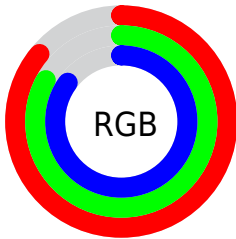
Format	Color
R _Y B	220, 211, 218
Decimal	14472154
CIE Lab	85.44, 4.35, -2.34
CIE LCh	85, 4.945, 331.698
Yxy	66.8661, 0.3146, 0.3213
Android (android.graphics.Color)	4292662234 (0xFFDCD3DA)
YUV	214.4890, 1.7309, 4.8331
Hunter-Lab	81.7717, -0.1817, 2.2995

Details

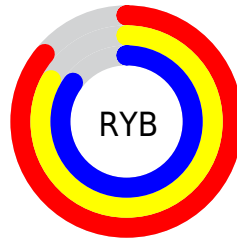
The Yxy color **66.8661, 0.3146, 0.3213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8636, 0.3109, 0.3368**, and the grayscale version is **67.5828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7576, 0.3151, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **56.4160, 0.3197, 0.3020**, and if you desaturate by 10%, it is **78.8264, 0.3102, 0.3397**.

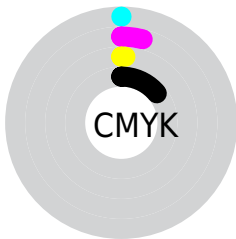
Distribution



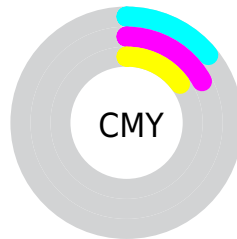
- Red (86%)
- Green (83%)
- Blue (85%)



- Red (86%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8661, 0.3146, 0.3213 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 66.8661, 0.3146, 0.3213 by changing the saturation by 10% instead.

■ 66.8661, 0.3146,
0.3213

■ 66.8661, 0.3146,
0.3213

449.4680, 0.3137,
0.3249

■ 48.9758, 0.3148,
0.3205

114.7285, 0.3143,
0.3226

■ 34.6003, 0.3150,
0.3194

145.4695, 0.3142,
0.3230

■ 23.3551, 0.3154,
0.3181

181.2627, 0.3141,
0.3235

■ 14.8560, 0.3158,
0.3164

222.4927, 0.3140,
0.3238

■ 8.7184, 0.3163,
0.3140

269.5439, 0.3139,
0.3241

■ 4.5579, 0.3172,
0.3104

322.8005, 0.3138,

■ 1.9903, 0.3185,

0.3244

0.3047

382.6471, 0.3138,
0.3247

0.6018, 0.3231,
0.2867

0.0000, 0.0000,
0.0000

66.8661, 0.3146,
0.3213

66.8661, 0.3146,
0.3213

56.4160, 0.3197,
0.3020

78.8264, 0.3102,
0.3397

47.4070, 0.3256,
0.2821

92.3436, 0.3065,
0.3570

39.7774, 0.3324,
0.2622

92.6257, 0.3037,
0.3517

33.4577, 0.3400,
0.2431

92.9160, 0.3010,
0.3464

■ 28.3724, 0.3483,
0.2256

■ 93.2144, 0.2982,
0.3412

■ 24.4381, 0.3571,
0.2108

■ 93.5211, 0.2955,
0.3360

■ 21.5613, 0.3662,
0.1998

■ 93.8361, 0.2928,
0.3309

■ 19.6335, 0.3754,
0.1931

■ 93.9623, 0.2917,
0.3289

■ 18.5232, 0.3842,
0.1913

Harmonies

Analogous

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



66.8661, 0.3084, 0.3188



66.8661, 0.3146, 0.3213



66.8661, 0.3203, 0.3258

Triad

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



66.8661, 0.3146, 0.3213



66.8661, 0.3220, 0.3391



66.8661, 0.3016, 0.3267

Complementary

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



66.8661, 0.3146, 0.3213



69.8636, 0.3109, 0.3368

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.



66.8661, 0.3052, 0.3322



66.8661, 0.3146, 0.3213



66.8661, 0.3169, 0.3395

Square

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



66.8661, 0.3146, 0.3213



66.8661, 0.3246, 0.3361



66.8661, 0.3108, 0.3369



66.8661, 0.3010, 0.3218

Rectangle

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



66.8661, 0.3146, 0.3213



66.8661, 0.3231, 0.3294



66.8661, 0.3108, 0.3369



66.8661, 0.3025, 0.3285

Sweetspot

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



66.8690, 0.3146, 0.3213



98.3465, 0.3132, 0.3271



65.8945, 0.3080, 0.3189



21.0676, 0.3131, 0.3272



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.



66.8690, 0.3146, 0.3213



91.9477, 0.3150, 0.3195



66.6404, 0.3177, 0.3262



14.0932, 0.3153, 0.3184



10.6496, 0.3880, 0.1911



0.7026, 0.3749, 0.1839

Inverse Universe

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



66.8690, 0.3146, 0.3213



91.9477, 0.3150, 0.3195



70.0915, 0.3080, 0.3318



14.0932, 0.3153, 0.3184



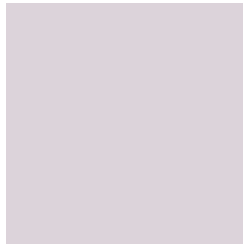
10.6496, 0.3880, 0.1911



0.7026, 0.3749, 0.1839

Previews

White Background



This preview shows how the Yxy color 66.8661, 0.3146, 0.3213 looks on a white background.

Color Contrast Check

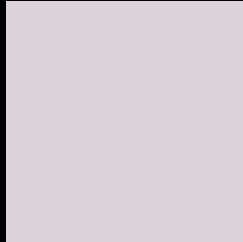
Large Text (above 18pt) WCAG AA × Fail

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 66.8661, 0.3146, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

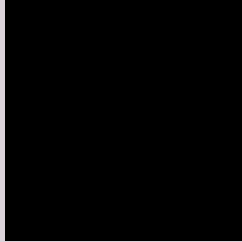
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

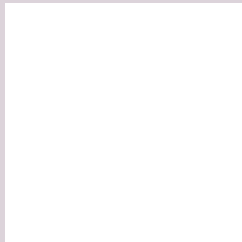
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8661, 0.3146, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 66.8661, 0.3146, 0.3213.

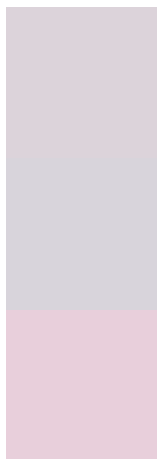


This preview shows how white text looks on a background with the Yxy color 66.8661, 0.3146, 0.3213.

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

66.8661, 0.3146, 0.3213

Protanopia

66.8004, 0.3109, 0.3212

Deuteranopia

66.8959, 0.3231, 0.3161



Tritanopia

66.9563, 0.3099, 0.3115

Trichromacy



Original Color

66.8661, 0.3146, 0.3213

Protanomaly

66.9532, 0.3116, 0.3212

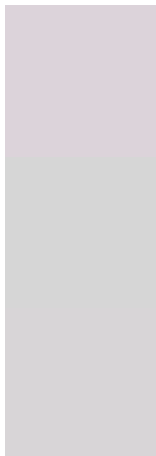
Deuteranomaly

66.7202, 0.3200, 0.3171

Tritanomaly

66.7931, 0.3119, 0.3148

Monochromacy



Original Color

66.8661, 0.3146, 0.3213

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.0937, 0.3136, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8661, 0.3146, 0.3213 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(220, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(220, 211, 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(220, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 211, 218) }
```

Border

The CSS property to change the border of an element to Yxy 66.8661, 0.3146, 0.3213 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(220, 211, 218) }
```

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

```
.border{ border-color:rgb(220, 211, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 211, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 211, 218);  
box-shadow:4px 4px 4px 4px rgb(220, 211,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8661, 0.3146, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 211, 218) }
```

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

```
.background{ background-color: rgb(220,  
211, 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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