

Converting Colors

Yxy(66.2128, 0.3184, 0.3239)

Have a look what the booklet for
Yxy(66.2128, 0.3184, 0.3239)
contains.

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Color

Yxy(66.4778, 0.3189, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	DED2D6
RGB	222, 210, 214
RGB Percent	87%, 82%, 84%
CMY	0.1294, 0.1765, 0.1608
CMYK	0.00, 0.05, 0.04, 0.13
HSL	340°, 15%, 85%
HSV	340°, 5%, 87%
XYZ	65.3104, 66.4778, 73.0109
YIQ	214.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

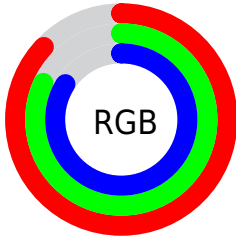
Format	Color
RYB	222, 210, 214
Decimal	14602966
CIELab	85.24, 4.84, -0.50
CIELCh	85, 4.865, 354.062
Yxy	66.4778, 0.3189, 0.3246
Android (android.graphics.Color)	4292793046 (0xFFDED2D6)
YUV	214.0440, -0.0217, 6.9774
Hunter-Lab	81.5339, 0.2980, 3.9815

Details

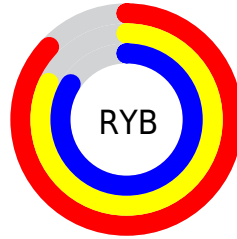
The Yxy color **66.4778, 0.3189, 0.3246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0111, 0.3069, 0.3334**, and the grayscale version is **67.2759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4956, 0.3208, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **55.5459, 0.3323, 0.3160**, and if you desaturate by 10%, it is **79.0048, 0.3080, 0.3326**.

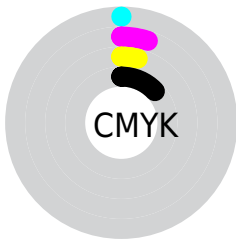
Distribution



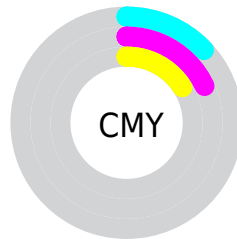
- Red (87%)
- Green (82%)
- Blue (84%)



- Red (87%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4778, 0.3189, 0.3246 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 66.4778, 0.3189, 0.3246 by changing the saturation by 10% instead.

■ 66.4778, 0.3189,
0.3246

■ 66.4778, 0.3189,
0.3246

448.0837, 0.3160,
0.3267

■ 48.6604, 0.3196,
0.3241

114.1718, 0.3179,
0.3253

■ 34.3501, 0.3204,
0.3235

144.8172, 0.3175,
0.3256

■ 23.1627, 0.3215,
0.3227

180.5074, 0.3172,
0.3258

■ 14.7137, 0.3229,
0.3217

221.6267, 0.3169,
0.3261

■ 8.6187, 0.3249,
0.3203

268.5596, 0.3166,
0.3262

■ 4.4933, 0.3279,
0.3182

321.6905, 0.3164,

■ 1.9532, 0.3327,

0.3264

0.3148

381.4037, 0.3162,
0.3265

0.5801, 0.3494,
0.3027

0.0000, 0.0000,
0.0000

66.4778, 0.3189,
0.3246

66.4778, 0.3189,
0.3246

55.5459, 0.3323,
0.3160

79.0048, 0.3080,
0.3326

46.1365, 0.3487,
0.3071

93.1787, 0.2991,
0.3400

38.1839, 0.3686,
0.2980

94.2709, 0.2929,
0.3289

31.6146, 0.3925,
0.2893

■ 26.3484, 0.4206,
0.2818

■ 22.2968, 0.4524,
0.2765

■ 19.3603, 0.4869,
0.2747

■ 17.4231, 0.5216,
0.2775

■ 16.3438, 0.5536,
0.2853

Harmonies

Analogous

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



66.4778, 0.3130, 0.3206



66.4778, 0.3189, 0.3246



66.4778, 0.3232, 0.3298

Triad

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



66.4778, 0.3189, 0.3246



66.4778, 0.3183, 0.3395



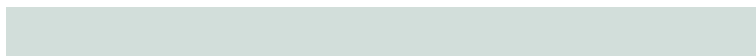
66.4778, 0.3010, 0.3230

Complementary

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



66.4778, 0.3189, 0.3246



71.0111, 0.3069, 0.3334

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.



66.4778, 0.3024, 0.3281



66.4778, 0.3189, 0.3246



66.4778, 0.3124, 0.3377

Square

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



66.4778, 0.3189, 0.3246



66.4778, 0.3228, 0.3385



66.4778, 0.3065, 0.3335



66.4778, 0.3027, 0.3196

Rectangle

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



66.4778, 0.3189, 0.3246



66.4778, 0.3245, 0.3333



66.4778, 0.3065, 0.3335



66.4778, 0.3011, 0.3246

Sweetspot

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



66.4807, 0.3189, 0.3246



96.5721, 0.3149, 0.3274



66.2444, 0.3102, 0.3157



20.7063, 0.3148, 0.3275



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.



66.4807, 0.3189, 0.3246



89.9842, 0.3197, 0.3241



67.1729, 0.3216, 0.3310



14.4891, 0.3204, 0.3236



9.5367, 0.5631, 0.2876



0.6773, 0.5196, 0.2636

Inverse Universe

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



66.4807, 0.3189, 0.3246



89.9842, 0.3197, 0.3241



70.2717, 0.3044, 0.3270



14.4891, 0.3204, 0.3236



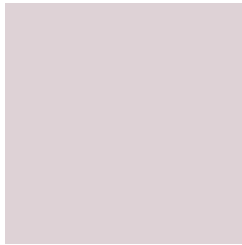
9.5367, 0.5631, 0.2876



0.6773, 0.5196, 0.2636

Previews

White Background



This preview shows how the Yxy color 66.4778, 0.3189, 0.3246 looks on a white background.

Color Contrast Check

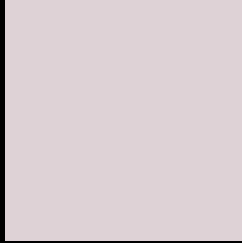
Large Text (above 18pt) WCAG AA × Fail

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 66.4778, 0.3189, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

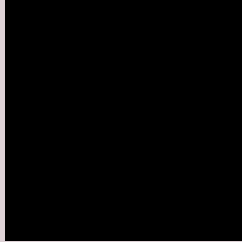
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

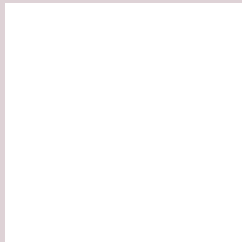
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4778, 0.3189, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 66.4778, 0.3189, 0.3246.

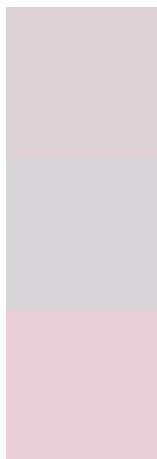


This preview shows how white text looks on a background with the Yxy color 66.4778, 0.3189, 0.3246.

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

66.4778, 0.3189, 0.3246

Protanopia

66.5922, 0.3136, 0.3257

Deuteranopia

66.3725, 0.3269, 0.3194



Tritanopia

66.3953, 0.3128, 0.3105

Trichromacy



Original Color

66.4778, 0.3189, 0.3246

Protanomaly

66.4003, 0.3151, 0.3246

Deuteranomaly

66.1900, 0.3237, 0.3203

Tritanomaly

66.5094, 0.3148, 0.3159

Monochromacy



Original Color

66.4778, 0.3189, 0.3246

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.1953, 0.3150, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4778, 0.3189, 0.3246 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(222, 210, 214)` looks like.

```
.text, #text, p{  
    color:rgb(222, 210, 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(222, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 210, 214) }
```

Border

The CSS property to change the border of an element to Yxy 66.4778, 0.3189, 0.3246 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(222, 210, 214) }
```

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

```
.border{ border-color:rgb(222, 210, 214) }
```

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

Here you see how a box with a 4 pixel rgb(222, 210, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(222, 210,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4778, 0.3189, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 210, 214) }
```

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

```
.background{ background-color: rgb(222,  
210, 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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