

Converting Colors

$Yxy(66.3425, 0.3192, 0.3181)$

Have a look what the booklet for
Yxy(66.3425, 0.3192, 0.3181)
contains.

Yxy(66.3425, 0.3192, 0.3181)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.3425, 0.3192, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	E2D0DA
RGB	226, 208, 218
RGB Percent	89%, 82%, 85%
CMY	0.1138, 0.1843, 0.1450
CMYK	0.00, 0.08, 0.04, 0.11
HSL	327°, 24%, 85%
HSV	327°, 8%, 89%
XYZ	66.5719, 66.3425, 75.6442
YIQ	214.5220, 7.5180, 6.9260

Conversions

Conversions Part 2

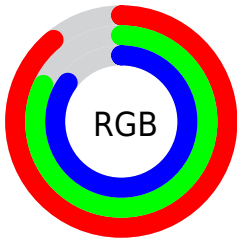
Format	Color
R _Y B	226, 208, 218
Decimal	14864602
CIE Lab	85.17, 7.96, -2.70
CIE LCh	85, 8.404, 341.248
Yxy	66.3425, 0.3192, 0.3181
Android (android.graphics.Color)	4293054682 (0xFFE2D0DA)
YUV	214.5220, 1.7147, 10.0662
Hunter-Lab	81.4509, 3.3535, 1.9525

Details

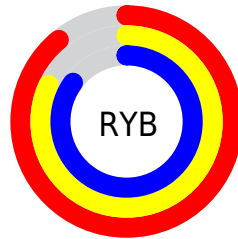
The Yxy color **66.3425, 0.3192, 0.3181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7475, 0.3067, 0.3402**, and the grayscale version is **67.6005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4135, 0.3213, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **55.5915, 0.3288, 0.3037**, and if you desaturate by 10%, it is **78.7008, 0.3112, 0.3317**.

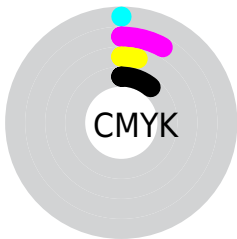
Distribution



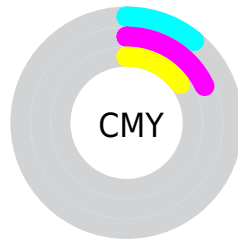
- Red (89%)
- Green (82%)
- Blue (85%)



- Red (89%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3425, 0.3192, 0.3181 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 66.3425, 0.3192, 0.3181 by changing the saturation by 10% instead.

66.3425, 0.3192,
0.3181

66.3425, 0.3192,
0.3181

447.6008, 0.3162,
0.3232

48.5505, 0.3199,
0.3169

113.9778, 0.3181,
0.3199

34.2630, 0.3208,
0.3155

144.5898, 0.3177,
0.3206

23.0957, 0.3219,
0.3136

180.2440, 0.3174,
0.3212

14.6642, 0.3233,
0.3112

221.3247, 0.3171,
0.3217

8.5841, 0.3254,
0.3078

268.2164, 0.3168,
0.3221

4.4709, 0.3283,
0.3028

321.3033, 0.3166,

1.9403, 0.3331,

0.3225

0.2949

380.9700, 0.3164,
0.3229

0.5724, 0.3478,
0.2696

0.0000, 0.0000,
0.0000

66.3425, 0.3192,
0.3181

66.3425, 0.3192,
0.3181

55.5915, 0.3288,
0.3037

78.7008, 0.3112,
0.3317

46.3725, 0.3403,
0.2889

92.7203, 0.3046,
0.3444

38.6170, 0.3538,
0.2741

94.4638, 0.2990,
0.3360

32.2482, 0.3695,
0.2600

94.9051, 0.2952,
0.3289

■ 27.1818, 0.3874,
0.2476

■ 23.3247, 0.4070,
0.2381

■ 20.5707, 0.4280,
0.2327

■ 18.7955, 0.4492,
0.2323

■ 17.8251, 0.4698,
0.2372

Harmonies

Analogous

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



66.3425, 0.3086, 0.3126



66.3425, 0.3192, 0.3181



66.3425, 0.3281, 0.3264

Triad

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



66.3425, 0.3192, 0.3181



66.3425, 0.3262, 0.3470



66.3425, 0.2929, 0.3220

Complementary

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



66.3425, 0.3192, 0.3181



72.7475, 0.3067, 0.3402

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.



66.3425, 0.2975, 0.3314



66.3425, 0.3192, 0.3181



66.3425, 0.3166, 0.3461

Square

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



66.3425, 0.3192, 0.3181



66.3425, 0.3322, 0.3431



66.3425, 0.3061, 0.3403



66.3425, 0.2936, 0.3147

Rectangle

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



66.3425, 0.3192, 0.3181



66.3425, 0.3319, 0.3325



66.3425, 0.3061, 0.3403



66.3425, 0.2939, 0.3250

Sweetspot

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



66.3454, 0.3192, 0.3181



96.6446, 0.3143, 0.3263



65.1746, 0.3061, 0.3091



20.7211, 0.3142, 0.3264



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.



66.3454, 0.3192, 0.3181



84.0902, 0.3211, 0.3151



65.8958, 0.3255, 0.3277



13.8279, 0.3205, 0.3160



10.1080, 0.4710, 0.2368



0.7186, 0.4415, 0.2206

Inverse Universe

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



66.3454, 0.3192, 0.3181



84.0902, 0.3211, 0.3151



73.2159, 0.3012, 0.3303



13.8279, 0.3205, 0.3160



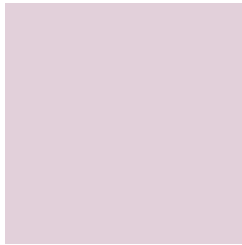
10.1080, 0.4710, 0.2368



0.7186, 0.4415, 0.2206

Previews

White Background



This preview shows how the Yxy color 66.3425, 0.3192, 0.3181 looks on a white background.

Color Contrast Check

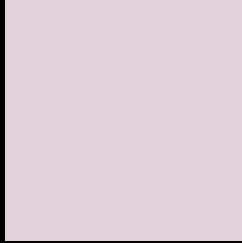
Large Text (above 18pt) WCAG AA × Fail

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 66.3425, 0.3192, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

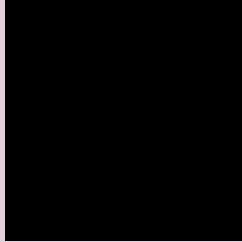
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

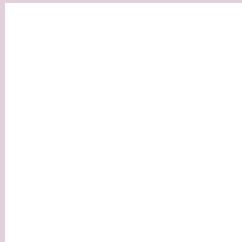
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3425, 0.3192, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 66.3425, 0.3192, 0.3181.

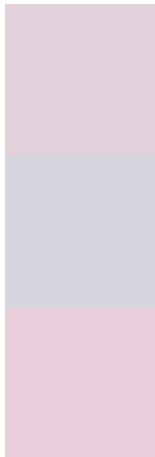


This preview shows how white text looks on a background with the Yxy color 66.3425, 0.3192, 0.3181.

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

66.3425, 0.3192, 0.3181

Protanopia

66.5504, 0.3087, 0.3201

Deuteranopia

66.1935, 0.3232, 0.3161



Tritanopia

66.2843, 0.3165, 0.3117

Trichromacy



Original Color

66.3425, 0.3192, 0.3181

Protanomaly

66.6084, 0.3124, 0.3202

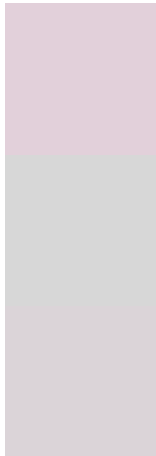
Deuteranomaly

66.3456, 0.3216, 0.3171

Tritanomaly

66.1770, 0.3179, 0.3138

Monochromacy



Original Color

66.3425, 0.3192, 0.3181

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.1049, 0.3151, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3425, 0.3192, 0.3181 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(226, 208, 218)` looks like.

```
.text, #text, p{  
    color:rgb(226, 208, 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(226, 208, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 218) }
```

Border

The CSS property to change the border of an element to Yxy 66.3425, 0.3192, 0.3181 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(226, 208, 218) }
```

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

```
.border{ border-color:rgb(226, 208, 218) }
```

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

Here you see how a box with a 4 pixel rgb(226, 208, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 208, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 208, 218);  
box-shadow:4px 4px 4px 4px rgb(226, 208,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3425, 0.3192, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 208, 218) }
```

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

```
.background{ background-color: rgb(226,  
208, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor