

Converting Colors

Yxy(68.8644, 0.3210, 0.3257)

Have a look what the booklet for
Yxy(68.8644, 0.3210, 0.3257)
contains.

Yxy(68.8773, 0.3210, 0.3258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.8773, 0.3210, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	E3D5D8
RGB	227, 213, 216
RGB Percent	89%, 84%, 85%
CMY	0.1098, 0.1647, 0.1530
CMYK	0.00, 0.06, 0.05, 0.11
HSL	347°, 20%, 86%
HSV	347°, 6%, 89%
XYZ	67.8625, 68.8773, 74.6699
YIQ	217.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

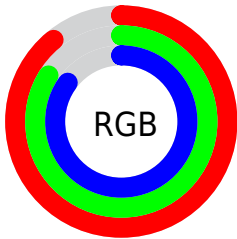
Format	Color
R _Y B	227, 213, 216
Decimal	14931416
CIE Lab	86.44, 5.32, 0.26
CIE LCh	86, 5.330, 2.754
Yxy	68.8773, 0.3210, 0.3258
Android (android.graphics.Color)	4293121496 (0xFFE3D5D8)
YUV	217.5280, -0.7533, 8.3069
Hunter-Lab	82.9923, 0.7222, 4.7502

Details

The Yxy color $68.8773, 0.3210, 0.3258$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74.4629, 0.3050, 0.3322$, and the grayscale version is $69.7709, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.7976, 0.3237, 0.3248$ is the 20% darker color. If you saturate the color by 10%, you get $57.3737, 0.3370, 0.3203$, and if you desaturate by 10%, it is $82.0857, 0.3081, 0.3309$.

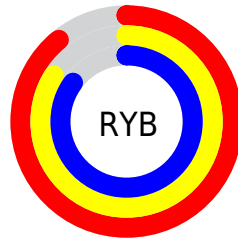
Distribution



Red (89%)

Green (84%)

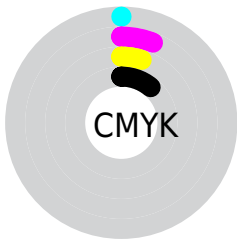
Blue (85%)



Red (89%)

Yellow (84%)

Blue (85%)

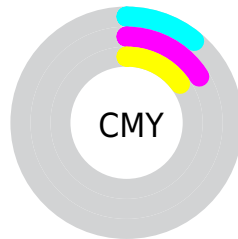


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.8773, 0.3210, 0.3258 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 68.8773, 0.3210, 0.3258 by changing the saturation by 10% instead.

68.8773, 0.3210,
0.3258

68.8773, 0.3210,
0.3258

456.5981, 0.3171,
0.3273

50.6118, 0.3219,
0.3254

117.6063, 0.3196,
0.3263

35.8997, 0.3230,
0.3250

148.8386, 0.3191,
0.3265

24.3568, 0.3244,
0.3245

185.1619, 0.3187,
0.3267

15.5985, 0.3263,
0.3237

226.9607, 0.3183,
0.3269

9.2405, 0.3289,
0.3227

274.6193, 0.3179,
0.3270

4.8984, 0.3327,
0.3212

328.5221, 0.3176,

2.1878, 0.3389,

0.3271

389.0536, 0.3174,
0.3272

0.3188

0.7133, 0.3544,
0.3129

0.0000, 0.0000,
0.0000

68.8773, 0.3210,
0.3258

68.8773, 0.3210,
0.3258

57.3737, 0.3370,
0.3203

82.0857, 0.3081,
0.3309

47.4966, 0.3568,
0.3146

94.8605, 0.2976,
0.3322

39.1751, 0.3810,
0.3088

95.0691, 0.2958,
0.3290

32.3295, 0.4103,
0.3034

■ 26.8730, 0.4449,
0.2990

■ 22.7096, 0.4839,
0.2965

■ 19.7313, 0.5250,
0.2970

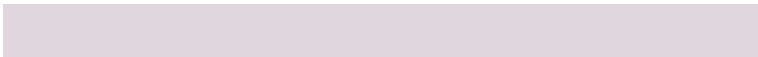
■ 17.8118, 0.5641,
0.3010

■ 16.7952, 0.5966,
0.3087

Harmonies

Analogous

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



68.8773, 0.3150, 0.3209



68.8773, 0.3210, 0.3258



68.8773, 0.3248, 0.3316

Triad

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



68.8773, 0.3210, 0.3258



68.8773, 0.3170, 0.3401



68.8773, 0.3002, 0.3212

Complementary

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



68.8773, 0.3210, 0.3258



74.4629, 0.3050, 0.3322

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.



68.8773, 0.3008, 0.3263



68.8773, 0.3210, 0.3258



68.8773, 0.3104, 0.3373

Square

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



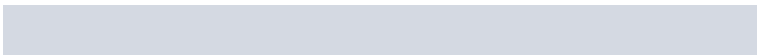
68.8773, 0.3210, 0.3258



68.8773, 0.3225, 0.3399



68.8773, 0.3045, 0.3322



68.8773, 0.3030, 0.3182

Rectangle

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



68.8773, 0.3210, 0.3258



68.8773, 0.3256, 0.3352



68.8773, 0.3045, 0.3322



68.8773, 0.3000, 0.3227

Sweetspot

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



68.8803, 0.3210, 0.3258



96.5331, 0.3153, 0.3280



68.9807, 0.3112, 0.3139



20.6984, 0.3152, 0.3280



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

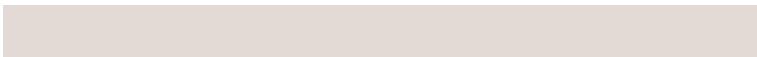
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8803, 0.3210, 0.3258



88.2627, 0.3223, 0.3253



70.7450, 0.3227, 0.3333



14.9201, 0.3231, 0.3251



9.6637, 0.6036, 0.3099



0.7276, 0.5633, 0.2877

Inverse Universe

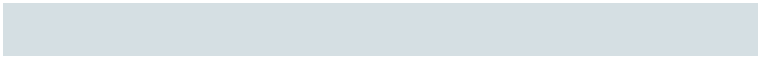
The Inverse Universe completely reimagines the original color for something new.



68.8803, 0.3210, 0.3258



88.2627, 0.3223, 0.3253



72.4840, 0.3032, 0.3246



14.9201, 0.3231, 0.3251



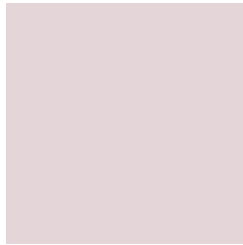
9.6637, 0.6036, 0.3099



0.7276, 0.5633, 0.2877

Previews

White Background



This preview shows how the Yxy color 68.8773, 0.3210, 0.3258 looks on a white background.

Color Contrast Check

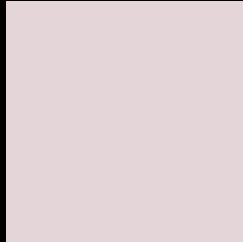
Large Text (above 18pt) WCAG AA × Fail

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 68.8773, 0.3210, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

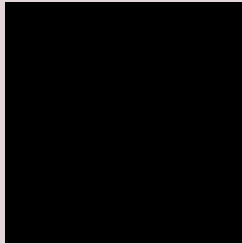
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

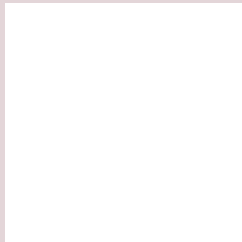
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8773, 0.3210, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 68.8773, 0.3210, 0.3258.

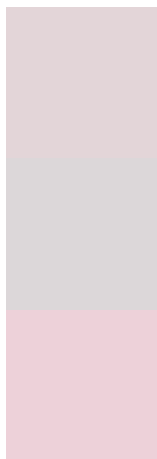


This preview shows how white text looks on a background with the Yxy color 68.8773, 0.3210, 0.3258.

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

68.8773, 0.3210, 0.3258

Protanopia

68.8263, 0.3150, 0.3268

Deuteranopia

68.6152, 0.3282, 0.3206



Tritanopia

68.8480, 0.3143, 0.3109

Trichromacy



Original Color

68.8773, 0.3210, 0.3258

Protanomaly

68.7909, 0.3173, 0.3257

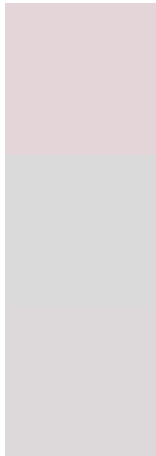
Deuteranomaly

68.4266, 0.3251, 0.3215

Tritanomaly

68.9628, 0.3163, 0.3161

Monochromacy



Original Color

68.8773, 0.3210, 0.3258

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.4936, 0.3157, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8773, 0.3210, 0.3258 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(227, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(227, 213, 216)  
}
```

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(227, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 213, 216) }
```

Border

The CSS property to change the border of an element to Yxy 68.8773, 0.3210, 0.3258 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(227, 213, 216) }
```

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

```
.border{ border-color:rgb(227, 213, 216) }
```

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

Here you see how a box with a 4 pixel rgb(227, 213, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(227, 213,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8773, 0.3210, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 213, 216) }
```

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

```
.background{ background-color: rgb(227,  
213, 216) }
```

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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