

Converting Colors

Yxy(69.5560, 0.3221, 0.3252)

Have a look what the booklet for
Yxy(69.5560, 0.3221, 0.3252)
contains.

Yxy(69.2563, 0.3218, 0.3247)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.2563, 0.3218, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E5D5D9
RGB	229, 213, 217
RGB Percent	90%, 84%, 85%
CMY	0.1019, 0.1647, 0.1490
CMYK	0.00, 0.07, 0.05, 0.10
HSL	345°, 24%, 87%
HSV	345°, 7%, 90%
XYZ	68.6377, 69.2563, 75.3991
YIQ	218.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

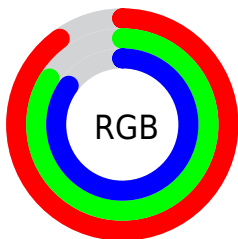
Format	Color
R _Y B	229, 213, 217
Decimal	15062489
CIE Lab	86.63, 6.21, 0.01
CIE LCh	87, 6.211, 0.066
Yxy	69.2563, 0.3218, 0.3247
Android (android.graphics.Color)	4293252569 (0xFFE5D5D9)
YUV	218.2400, -0.6113, 9.4365
Hunter-Lab	83.2204, 1.5860, 4.5365

Details

The Yxy color $69.2563, 0.3218, 0.3247$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.6350, 0.3044, 0.3333$, and the grayscale version is $70.2891, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.0610, 0.3247, 0.3234$ is the 20% darker color. If you saturate the color by 10%, you get $57.6924, 0.3373, 0.3182$, and if you desaturate by 10%, it is $82.5462, 0.3092, 0.3308$.

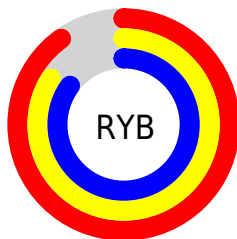
Distribution



Red (90%)

Green (84%)

Blue (85%)



Red (90%)

Yellow (84%)

Blue (85%)

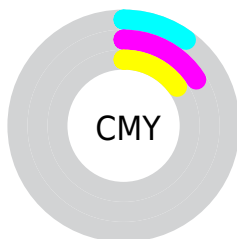


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (10%)



Cyan (10%)


Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2563, 0.3218, 0.3247 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 69.2563, 0.3218, 0.3247 by changing the saturation by 10% instead.


 69.2563, 0.3218,
0.3247

 69.2563, 0.3218,
0.3247


457.9344, 0.3176,
0.3267

 50.9205, 0.3228,
0.3242


118.1476, 0.3203,
0.3254

 36.1453, 0.3240,
0.3237

149.4718, 0.3197,
0.3257

 24.5464, 0.3256,
0.3229

185.8943, 0.3193,
0.3259

 15.7395, 0.3276,
0.3219

227.7994, 0.3188,
0.3261

 9.3400, 0.3304,
0.3206

275.5716, 0.3185,
0.3263

 4.9636, 0.3346,
0.3186

329.5953, 0.3181,

 2.2259, 0.3413,

0.3265

0.3154

390.2547, 0.3178,
0.3266

0.7341, 0.3565,
0.3081

0.0000, 0.0000,
0.0000

69.2563, 0.3218,
0.3247

69.2563, 0.3218,
0.3247

57.6924, 0.3373,
0.3182

82.5462, 0.3092,
0.3308

47.7748, 0.3565,
0.3114

95.1694, 0.2990,
0.3326

39.4309, 0.3799,
0.3046

95.4020, 0.2970,
0.3290

32.5792, 0.4081,
0.2982

■ 27.1309, 0.4411,
0.2931

■ 22.9877, 0.4784,
0.2901

■ 20.0383, 0.5177,
0.2904

■ 18.1529, 0.5556,
0.2948

■ 17.1640, 0.5877,
0.3031

Harmonies

Analogous

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



69.2563, 0.3146, 0.3192



69.2563, 0.3218, 0.3247



69.2563, 0.3266, 0.3314

Triad

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



69.2563, 0.3218, 0.3247



69.2563, 0.3183, 0.3421



69.2563, 0.2981, 0.3203

Complementary

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



69.2563, 0.3218, 0.3247



75.6350, 0.3044, 0.3333

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.



69.2563, 0.2991, 0.3264



69.2563, 0.3218, 0.3247



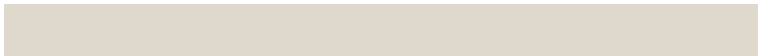
69.2563, 0.3107, 0.3391

Square

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



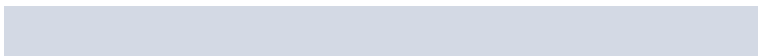
69.2563, 0.3218, 0.3247



69.2563, 0.3245, 0.3415



69.2563, 0.3037, 0.3333



69.2563, 0.3010, 0.3166

Rectangle

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



69.2563, 0.3218, 0.3247



69.2563, 0.3277, 0.3356



69.2563, 0.3037, 0.3333



69.2563, 0.2980, 0.3222

Sweetspot

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



69.2593, 0.3218, 0.3247



96.5452, 0.3152, 0.3278



69.2132, 0.3104, 0.3118



20.7008, 0.3151, 0.3278



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.



69.2593, 0.3218, 0.3247



86.7215, 0.3233, 0.3240



70.9563, 0.3242, 0.3331



14.4268, 0.3253, 0.3231



9.7110, 0.5924, 0.3037



0.7322, 0.5510, 0.2809

Inverse Universe

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



69.2593, 0.3218, 0.3247



86.7215, 0.3233, 0.3240



73.8088, 0.3019, 0.3249



14.4268, 0.3253, 0.3231



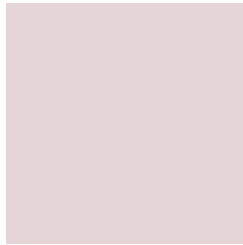
9.7110, 0.5924, 0.3037



0.7322, 0.5510, 0.2809

Previews

White Background



This preview shows how the Yxy color 69.2563, 0.3218, 0.3247 looks on a white background.

Color Contrast Check

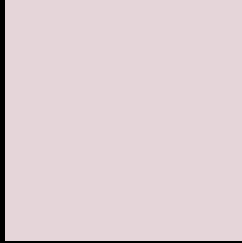
Large Text (above 18pt) WCAG AA × Fail

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 69.2563, 0.3218, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

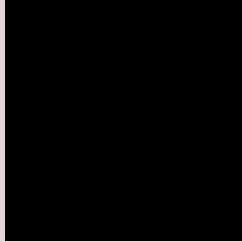
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

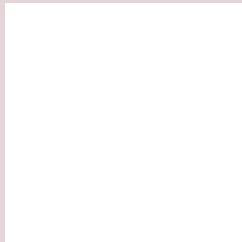
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2563, 0.3218, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 69.2563, 0.3218, 0.3247.

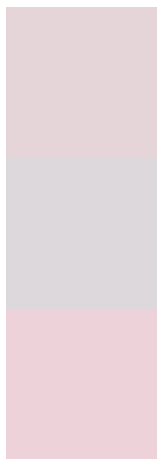


This preview shows how white text looks on a background with the Yxy color 69.2563, 0.3218, 0.3247.

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

69.2563, 0.3218, 0.3247

Protanopia

69.4419, 0.3136, 0.3257

Deuteranopia

69.1597, 0.3274, 0.3206



Tritanopia

69.1789, 0.3158, 0.3109

Trichromacy



Original Color

69.2563, 0.3218, 0.3247

Protanomaly

69.3508, 0.3165, 0.3257

Deuteranomaly

69.1429, 0.3250, 0.3216

Tritanomaly

69.2918, 0.3177, 0.3162

Monochromacy



Original Color

69.2563, 0.3218, 0.3247

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.7033, 0.3157, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2563, 0.3218, 0.3247 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(229, 213, 217)` looks like.

```
.text, #text, p{  
    color:rgb(229, 213, 217)  
}
```

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(229, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 213, 217) }
```

Border

The CSS property to change the border of an element to Yxy 69.2563, 0.3218, 0.3247 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(229, 213, 217) }
```

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

```
.border{ border-color:rgb(229, 213, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 213, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(229, 213,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2563, 0.3218, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 213, 217) }
```

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

```
.background{ background-color: rgb(229,  
213, 217) }
```

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