

Converting Colors

$Yxy(68.0963, 0.3250, 0.3268)$

Have a look what the booklet for
Yxy(68.0963, 0.3250, 0.3268)
contains.

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Color

Yxy(68.0506, 0.3248, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E5D3D5
RGB	229, 211, 213
RGB Percent	90%, 83%, 84%
CMY	0.1020, 0.1725, 0.1648
CMYK	0.00, 0.08, 0.07, 0.10
HSL	353°, 26%, 86%
HSV	353°, 8%, 90%
XYZ	67.6134, 68.0506, 72.5054
YIQ	216.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

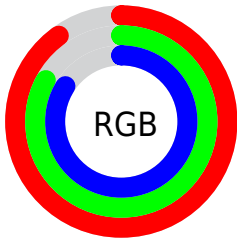
Format	Color
R _Y B	229, 211, 213
Decimal	15061973
CIE Lab	86.03, 6.55, 1.27
CIE LCh	86, 6.672, 10.951
Yxy	68.0506, 0.3248, 0.3269
Android (android.graphics.Color)	4293252053 (0xFFE5D3D5)
YUV	216.6100, -1.7797, 10.8660
Hunter-Lab	82.4928, 1.9413, 5.6332

Details

The Yxy color $68.0506, 0.3248, 0.3269$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.4336, 0.3018, 0.3311$, and the grayscale version is $69.1148, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.1298, 0.3277, 0.3262$ is the 20% darker color. If you saturate the color by 10%, you get $56.5024, 0.3435, 0.3241$, and if you desaturate by 10%, it is $81.3558, 0.3098, 0.3296$.

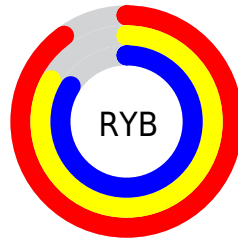
Distribution



Red (90%)

Green (83%)

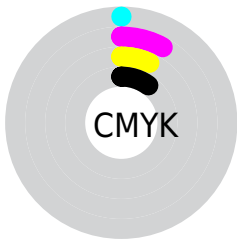
Blue (84%)



Red (90%)

Yellow (83%)

Blue (84%)

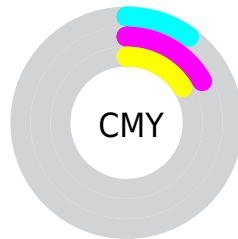


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (10%)



Cyan (10%)


Magenta (17%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0506, 0.3248, 0.3269 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 68.0506, 0.3248, 0.3269 by changing the saturation by 10% instead.

 68.0506, 0.3248,
0.3269

 68.0506, 0.3248,
0.3269

453.6753, 0.3191,
0.3279

 49.9389, 0.3261,
0.3267


116.4245, 0.3228,
0.3273

 35.3649, 0.3278,
0.3264


147.4555, 0.3220,
0.3274

 23.9441, 0.3299,
0.3260

183.5618, 0.3214,
0.3275

 15.2921, 0.3326,
0.3255

225.1277, 0.3208,
0.3276

 9.0247, 0.3365,
0.3247

272.5376, 0.3203,
0.3277

 4.7573, 0.3422,
0.3236

326.1759, 0.3199,

 2.1056, 0.3515,

0.3278

386.4270, 0.3195,
0.3279

0.3218

0.6678, 0.3782,
0.3179

0.0000, 0.0000,
0.0000

68.0506, 0.3248,
0.3269

68.0506, 0.3248,
0.3269

56.5024, 0.3435,
0.3241

81.3558, 0.3098,
0.3296

46.6293, 0.3668,
0.3211

95.3180, 0.2976,
0.3302

38.3561, 0.3956,
0.3182

95.3971, 0.2970,
0.3290

31.5985, 0.4303,
0.3156

■ 26.2644, 0.4708,
0.3138

■ 22.2516, 0.5154,
0.3133

■ 19.4446, 0.5598,
0.3147

■ 17.7075, 0.5982,
0.3181

■ 16.8546, 0.6247,
0.3231

Harmonies

Analogous

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



68.0506, 0.3178, 0.3203



68.0506, 0.3248, 0.3269



68.0506, 0.3286, 0.3341

Triad

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



68.0506, 0.3248, 0.3269



68.0506, 0.3159, 0.3424



68.0506, 0.2976, 0.3178

Complementary

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



68.0506, 0.3248, 0.3269



75.4336, 0.3018, 0.3311

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.



68.0506, 0.2971, 0.3236



68.0506, 0.3248, 0.3269



68.0506, 0.3076, 0.3379

Square

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



68.0506, 0.3248, 0.3269



68.0506, 0.3234, 0.3432



68.0506, 0.3008, 0.3310



68.0506, 0.3021, 0.3151

Rectangle

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



68.0506, 0.3248, 0.3269



68.0506, 0.3287, 0.3383



68.0506, 0.3008, 0.3310



68.0506, 0.2970, 0.3194

Sweetspot

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



68.0536, 0.3248, 0.3269



96.4999, 0.3156, 0.3285



68.5645, 0.3121, 0.3097



20.6916, 0.3155, 0.3285



0.0000, 0.0000, 0.0000



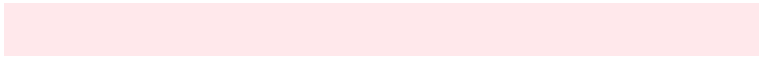
21.4041, 0.3127, 0.3290

Same Dimension

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



68.0536, 0.3248, 0.3269



84.9741, 0.3268, 0.3266



71.4539, 0.3255, 0.3365



14.3935, 0.3275, 0.3265



9.5730, 0.6266, 0.3226



0.7160, 0.5974, 0.3064

Inverse Universe

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



68.0536, 0.3248, 0.3269



84.9741, 0.3268, 0.3266



71.8032, 0.3006, 0.3214



14.3935, 0.3275, 0.3265



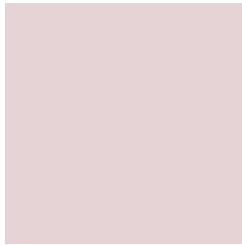
9.5730, 0.6266, 0.3226



0.7160, 0.5974, 0.3064

Previews

White Background



This preview shows how the Yxy color 68.0506, 0.3248, 0.3269 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 68.0506, 0.3248, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

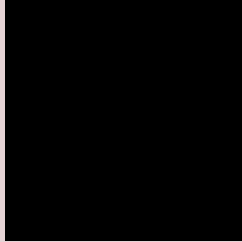
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

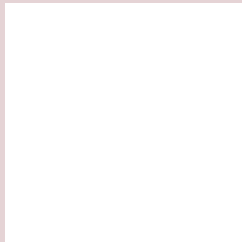
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0506, 0.3248, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 68.0506, 0.3248, 0.3269.

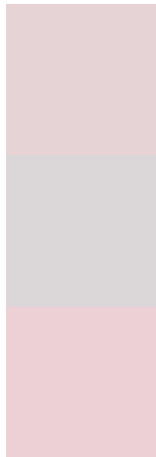


This preview shows how white text looks on a background with the Yxy color 68.0506, 0.3248, 0.3269.

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

68.0506, 0.3248, 0.3269

Protanopia

68.0595, 0.3157, 0.3279

Deuteranopia

67.7997, 0.3297, 0.3226



Tritanopia

68.0261, 0.3180, 0.3119

Trichromacy



Original Color

68.0506, 0.3248, 0.3269

Protanomaly

68.1315, 0.3194, 0.3279

Deuteranomaly

67.7796, 0.3273, 0.3237

Tritanomaly

68.1366, 0.3200, 0.3172

Monochromacy



Original Color

68.0506, 0.3248, 0.3269

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.9309, 0.3164, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0506, 0.3248, 0.3269 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, 211, 213)` looks like.

```
.text, #text, p{  
    color:rgb(229, 211, 213)  
}
```

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, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 211, 213) }
```

Border

The CSS property to change the border of an element to Yxy 68.0506, 0.3248, 0.3269 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, 211, 213) }
```

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

```
.border{ border-color:rgb(229, 211, 213) }
```

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

Here you see how a box with a 4 pixel rgb(229, 211, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 211, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 211, 213);  
box-shadow:4px 4px 4px 4px rgb(229, 211,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0506, 0.3248, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 211, 213) }
```

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

```
.background{ background-color: rgb(229,  
211, 213) }
```

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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