

Converting Colors

$Y_{xy}(70.0064, 0.3246, 0.3264)$

Have a look what the booklet for
Yxy(70.0064, 0.3246, 0.3264)
contains.

Yxy(70.2068, 0.3246, 0.3269)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.2068, 0.3246, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E8D6D8
RGB	232, 214, 216
RGB Percent	91%, 84%, 85%
CMY	0.0903, 0.1607, 0.1529
CMYK	0.00, 0.08, 0.07, 0.09
HSL	353°, 28%, 87%
HSV	353°, 8%, 91%
XYZ	69.7128, 70.2068, 74.8457
YIQ	219.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

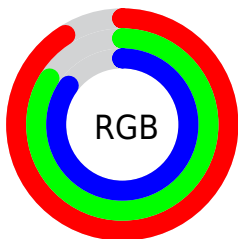
Format	Color
R _Y B	232, 214, 216
Decimal	15259352
CIE Lab	87.10, 6.53, 1.25
CIE LCh	87, 6.644, 10.817
Yxy	70.2068, 0.3246, 0.3269
Android (android.graphics.Color)	4293449432 (0xFFE8D6D8)
YUV	219.6100, -1.7797, 10.8660
Hunter-Lab	83.7895, 1.8803, 5.6913

Details

The Yxy color **70.2068, 0.3246, 0.3269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7067, 0.3020, 0.3311**, and the grayscale version is **71.2913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5996, 0.3275, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **58.2906, 0.3433, 0.3240**, and if you desaturate by 10%, it is **83.9351, 0.3096, 0.3296**.

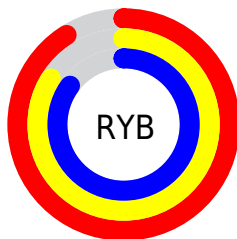
Distribution



Red (91%)

Green (84%)

Blue (85%)



Red (91%)

Yellow (84%)

Blue (85%)

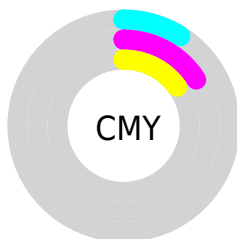


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (9%)



Cyan (9%)


Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2068, 0.3246, 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 70.2068, 0.3246, 0.3269 by changing the saturation by 10% instead.


 70.2068, 0.3246,
0.3269

 70.2068, 0.3246,
0.3269

461.2758, 0.3191,
0.3279

 51.6951, 0.3259,
0.3267

119.5036, 0.3227,
0.3273

 36.7621, 0.3275,
0.3264


151.0576, 0.3219,
0.3274

 25.0234, 0.3295,
0.3260


187.7277, 0.3213,
0.3275

 16.0945, 0.3322,
0.3255

229.8985, 0.3207,
0.3276

 9.5910, 0.3359,
0.3248

277.9543, 0.3202,
0.3277

 5.1287, 0.3413,
0.3237

332.2796, 0.3198,

 2.3229, 0.3500,

0.3278

0.3220

393.2586, 0.3194,
0.3278

0.7858, 0.3687,
0.3192

0.0000, 0.0000,
0.0000

70.2068, 0.3246,
0.3269

70.2068, 0.3246,
0.3269

58.2906, 0.3433,
0.3240

83.9351, 0.3096,
0.3296

48.1020, 0.3665,
0.3210

95.8908, 0.2987,
0.3290

39.5635, 0.3951,
0.3181

32.5883, 0.4298,
0.3154

■ 27.0814, 0.4702,
0.3136

■ 22.9375, 0.5147,
0.3130

■ 20.0375, 0.5592,
0.3144

■ 18.2413, 0.5976,
0.3179

■ 17.3602, 0.6243,
0.3229

Harmonies

Analogous

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



70.2068, 0.3177, 0.3204



70.2068, 0.3246, 0.3269



70.2068, 0.3284, 0.3340

Triad

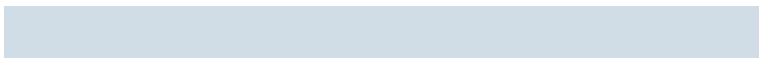
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2068, 0.3246, 0.3269



70.2068, 0.3158, 0.3422



70.2068, 0.2978, 0.3180

Complementary

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



70.2068, 0.3246, 0.3269



77.7067, 0.3020, 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.



70.2068, 0.2974, 0.3237



70.2068, 0.3246, 0.3269



70.2068, 0.3077, 0.3378

Square

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



70.2068, 0.3246, 0.3269



70.2068, 0.3232, 0.3430



70.2068, 0.3010, 0.3310



70.2068, 0.3022, 0.3153

Rectangle

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



70.2068, 0.3246, 0.3269



70.2068, 0.3285, 0.3382



70.2068, 0.3010, 0.3310



70.2068, 0.2972, 0.3196

Sweetspot

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



70.2099, 0.3246, 0.3269



96.5004, 0.3156, 0.3285



70.7278, 0.3121, 0.3100



20.6917, 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.



70.2099, 0.3246, 0.3269



84.9761, 0.3268, 0.3265



73.6656, 0.3253, 0.3364



14.3938, 0.3275, 0.3264



9.5740, 0.6264, 0.3224



0.7162, 0.5968, 0.3061

Inverse Universe

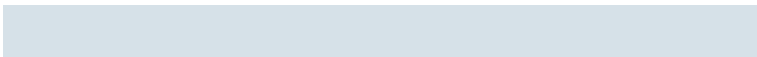
The Inverse Universe completely reimagines the original color for something new.



70.2099, 0.3246, 0.3269



84.9761, 0.3268, 0.3265



74.0206, 0.3008, 0.3215



14.3938, 0.3275, 0.3264



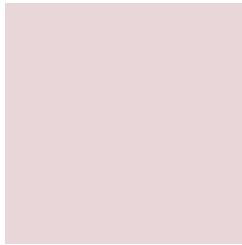
9.5740, 0.6264, 0.3224



0.7162, 0.5968, 0.3061

Previews

White Background



This preview shows how the Yxy color 70.2068, 0.3246, 0.3269 looks on a white background.

Color Contrast Check

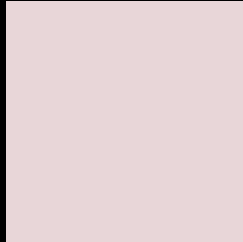
Large Text (above 18pt) WCAG AA × Fail

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 70.2068, 0.3246, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

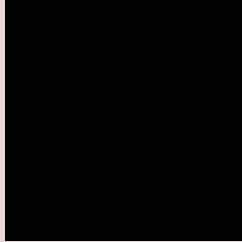
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

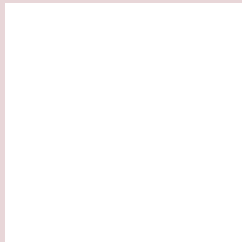
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2068, 0.3246, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 70.2068, 0.3246, 0.3269.

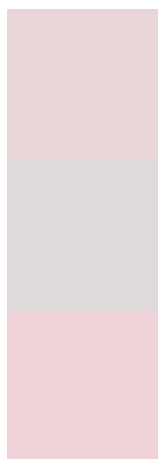


This preview shows how white text looks on a background with the Yxy color 70.2068, 0.3246, 0.3269.

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

70.2068, 0.3246, 0.3269

Protanopia

70.2173, 0.3157, 0.3279

Deuteranopia

70.1236, 0.3302, 0.3227



Tritanopia

70.2365, 0.3172, 0.3111

Trichromacy



Original Color

70.2068, 0.3246, 0.3269

Protanomaly

70.2902, 0.3193, 0.3279

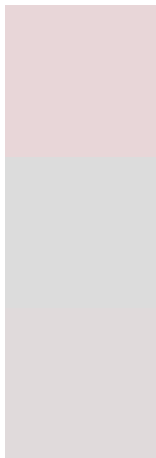
Deuteranomaly

70.1012, 0.3279, 0.3237

Tritanomaly

70.2940, 0.3199, 0.3174

Monochromacy



Original Color

70.2068, 0.3246, 0.3269

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.1046, 0.3164, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2068, 0.3246, 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(232, 214, 216)` looks like.

```
.text, #text, p{  
    color:rgb(232, 214, 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(232, 214, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 214, 216) }
```

Border

The CSS property to change the border of an element to Yxy 70.2068, 0.3246, 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(232, 214, 216) }
```

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

```
.border{ border-color:rgb(232, 214, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 214, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 214, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 214, 216);  
box-shadow:4px 4px 4px 4px rgb(232, 214,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2068, 0.3246, 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(232, 214, 216) }
```

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

```
.background{ background-color: rgb(232,  
214, 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](#).

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