

Converting Colors

$Yxy(67.5234, 0.3292, 0.3268)$

Have a look what the booklet for
Yxy(67.5234, 0.3292, 0.3268)
contains.

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Color

Yxy(67.6277, 0.3295, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E9D1D3
RGB	233, 209, 211
RGB Percent	91%, 82%, 83%
CMY	0.0862, 0.1804, 0.1726
CMYK	0.00, 0.10, 0.09, 0.09
HSL	355°, 35%, 87%
HSV	355°, 10%, 91%
XYZ	68.1656, 67.6277, 71.0825
YIQ	216.4040, 13.6620, 5.7100

Conversions

Conversions Part 2

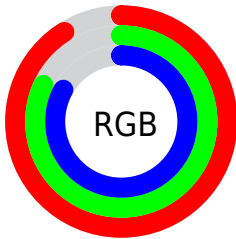
Format	Color
RYB	233, 209, 211
Decimal	15323603
CIELab	85.82, 8.68, 2.05
CIElCh	86, 8.915, 13.311
Yxy	67.6277, 0.3295, 0.3269
Android (android.graphics.Color)	4293513683 (0xFFE9D1D3)
YUV	216.4040, -2.6642, 14.5547
Hunter-Lab	82.2361, 4.0458, 6.3166

Details

The Yxy color $67.6277, 0.3295, 0.3269$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77.6141, 0.2981, 0.3311$, and the grayscale version is $68.9733, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.2241, 0.3329, 0.3263$ is the 20% darker color. If you saturate the color by 10%, you get $56.0190, 0.3499, 0.3247$, and if you desaturate by 10%, it is $81.0571, 0.3132, 0.3289$.

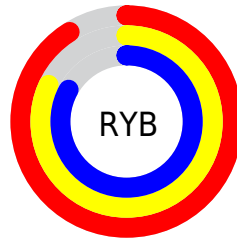
Distribution



Red (91%)

Green (82%)

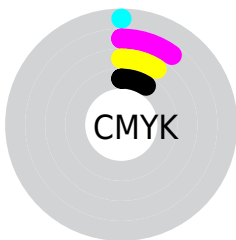
Blue (83%)



Red (91%)

Yellow (82%)

Blue (83%)

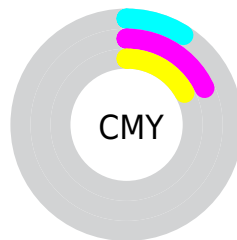


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (9%)



Cyan (9%)

Magenta (18%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6277, 0.3295, 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 67.6277, 0.3295, 0.3269 by changing the saturation by 10% instead.


 67.6277, 0.3295,
0.3269

 67.6277, 0.3295,
0.3269


452.1758, 0.3216,
0.3279

 49.5949, 0.3313,
0.3267


115.8194, 0.3267,
0.3273

 35.0916, 0.3336,
0.3263


146.7471, 0.3257,
0.3274

 23.7335, 0.3366,
0.3259


182.7418, 0.3248,
0.3275

 15.1360, 0.3404,
0.3254

224.1881, 0.3240,
0.3276

 8.9149, 0.3458,
0.3246

271.4702, 0.3233,
0.3277

 4.6857, 0.3538,
0.3233

324.9726, 0.3226,

 2.0641, 0.3669,

0.3278

385.0797, 0.3221,
0.3279

0.3212

0.6443, 0.4067,
0.3179

0.0000, 0.0000,
0.0000

67.6277, 0.3295,
0.3269

67.6277, 0.3295,
0.3269

56.0190, 0.3499,
0.3247

81.0571, 0.3132,
0.3289

46.1440, 0.3753,
0.3225

95.9851, 0.3001,
0.3302

37.9224, 0.4064,
0.3204

96.0665, 0.2994,
0.3290

31.2637, 0.4439,
0.3186

■ 26.0688, 0.4870,
0.3175

■ 22.2273, 0.5330,
0.3176

■ 19.6131, 0.5768,
0.3192

■ 18.0765, 0.6117,
0.3224

■ 17.3747, 0.6327,
0.3259

Harmonies

Analogous

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



67.6277, 0.3203, 0.3180



67.6277, 0.3295, 0.3269



67.6277, 0.3342, 0.3365

Triad

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



67.6277, 0.3295, 0.3269



67.6277, 0.3160, 0.3468



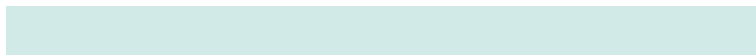
67.6277, 0.2928, 0.3135

Complementary

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



67.6277, 0.3295, 0.3269



77.6141, 0.2981, 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.



67.6277, 0.2917, 0.3210



67.6277, 0.3295, 0.3269



67.6277, 0.3050, 0.3404

Square

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



67.6277, 0.3295, 0.3269



67.6277, 0.3263, 0.3481



67.6277, 0.2962, 0.3308



67.6277, 0.2991, 0.3103

Rectangle

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



67.6277, 0.3295, 0.3269



67.6277, 0.3340, 0.3420



67.6277, 0.2962, 0.3308



67.6277, 0.2918, 0.3156

Sweetspot

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



67.6307, 0.3295, 0.3269



94.7721, 0.3172, 0.3284



68.4771, 0.3124, 0.3036



19.9936, 0.3185, 0.3282



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.



67.6307, 0.3295, 0.3269



80.3291, 0.3328, 0.3265



72.5971, 0.3297, 0.3398



15.0743, 0.3280, 0.3271



9.8643, 0.6308, 0.3249



0.7816, 0.6083, 0.3125

Inverse Universe

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



67.6307, 0.3295, 0.3269



80.3291, 0.3328, 0.3265



72.2206, 0.2968, 0.3180



15.0743, 0.3280, 0.3271



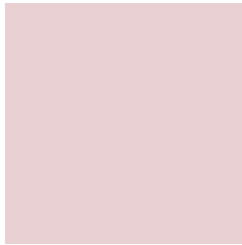
9.8643, 0.6308, 0.3249



0.7816, 0.6083, 0.3125

Previews

White Background



This preview shows how the Yxy color 67.6277, 0.3295, 0.3269 looks on a white background.

Color Contrast Check

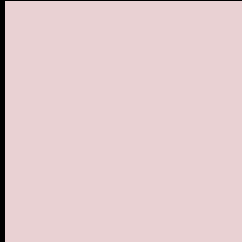
Large Text (above 18pt) WCAG AA × Fail

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 67.6277, 0.3295, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

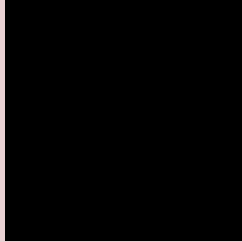
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

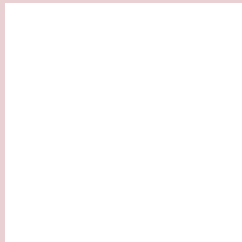
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6277, 0.3295, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 67.6277, 0.3295, 0.3269.



This preview shows how white text looks on a background with the Yxy color 67.6277, 0.3295, 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

67.6277, 0.3295, 0.3269

Protanopia

68.0082, 0.3164, 0.3290

Deuteranopia

67.8194, 0.3327, 0.3259



Tritanopia

67.6155, 0.3226, 0.3120

Trichromacy



Original Color

67.6277, 0.3295, 0.3269

Protanomaly

67.7384, 0.3209, 0.3279

Deuteranomaly

67.6478, 0.3319, 0.3258

Tritanomaly

67.7186, 0.3246, 0.3173

Monochromacy



Original Color

67.6277, 0.3295, 0.3269

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.9731, 0.3187, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6277, 0.3295, 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(233, 209, 211)` looks like.

```
.text, #text, p{  
    color:rgb(233, 209, 211)  
}
```

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(233, 209, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 209, 211) }
```

Border

The CSS property to change the border of an element to Yxy 67.6277, 0.3295, 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(233, 209, 211) }
```

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

```
.border{ border-color:rgb(233, 209, 211) }
```

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

Here you see how a box with a 4 pixel rgb(233, 209, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 209, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 209, 211);  
box-shadow:4px 4px 4px 4px rgb(233, 209,  
211) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 67.6277, 0.3295, 0.3269$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 209, 211) }
```

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

```
.background{ background-color: rgb(233,  
209, 211) }
```

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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