

Converting Colors

$Y_{xy}(69.3502, 0.3310, 0.3238)$

Have a look what the booklet for
Yxy(69.3502, 0.3310, 0.3238)
contains.

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Color

Yxy(69.3502, 0.3310, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	EFD2D7
RGB	239, 210, 215
RGB Percent	94%, 82%, 84%
CMY	0.0630, 0.1764, 0.1569
CMYK	0.00, 0.12, 0.10, 0.06
HSL	350°, 47%, 88%
HSV	350°, 12%, 94%
XYZ	70.8923, 69.3502, 73.9336
YIQ	219.2410, 15.6790, 7.7030

Conversions

Conversions Part 2

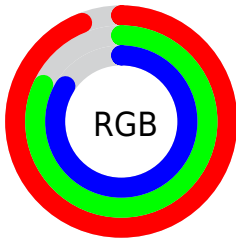
Format	Color
R _Y B	239, 210, 215
Decimal	15717079
CIE Lab	86.68, 10.87, 1.24
CIE LCh	87, 10.940, 6.514
Yxy	69.3502, 0.3310, 0.3238
Android (android.graphics.Color)	4293907159 (0xFFEFD2D7)
YUV	219.2410, -2.0908, 17.3286
Hunter-Lab	83.2768, 6.2200, 5.6558

Details

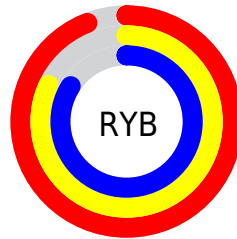
The Yxy color **69.3502, 0.3310, 0.3238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3417, 0.2970, 0.3343**, and the grayscale version is **71.0184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3823, 0.3359, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **57.4639, 0.3502, 0.3192**, and if you desaturate by 10%, it is **83.1272, 0.3156, 0.3281**.

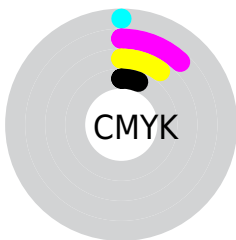
Distribution



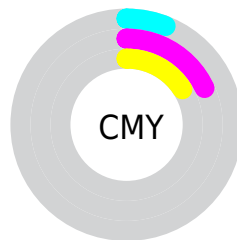
- Red (94%)
- Green (82%)
- Blue (84%)



- Red (94%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (6%)





- Cyan (6%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3502, 0.3310, 0.3238 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 69.3502, 0.3310, 0.3238 by changing the saturation by 10% instead.


 69.3502, 0.3310,
0.3238

 69.3502, 0.3310,
0.3238


458.2651, 0.3224,
0.3263

 50.9970, 0.3330,
0.3232

118.2816, 0.3280,
0.3247

 36.2062, 0.3354,
0.3225

149.6286, 0.3269,
0.3250

 24.5935, 0.3386,
0.3216


186.0756, 0.3259,
0.3253

 15.7744, 0.3427,
0.3203

228.0071, 0.3250,
0.3255

 9.3647, 0.3485,
0.3186

275.8074, 0.3242,
0.3258

 4.9798, 0.3569,
0.3161

329.8609, 0.3236,

 2.2354, 0.3705,

0.3259

0.3119

390.5520, 0.3230,
0.3261

0.7392, 0.4007,
0.3040

0.0000, 0.0000,
0.0000

69.3502, 0.3310,
0.3238

69.3502, 0.3310,
0.3238

57.4639, 0.3502,
0.3192

83.1272, 0.3156,
0.3281

47.3770, 0.3739,
0.3145

97.0526, 0.3031,
0.3294

39.0042, 0.4028,
0.3100

97.0800, 0.3029,
0.3290

32.2498, 0.4374,
0.3061

■ 27.0089, 0.4770,
0.3036

■ 23.1637, 0.5198,
0.3034

■ 20.5793, 0.5615,
0.3061

■ 19.0937, 0.5968,
0.3119

■ 18.5002, 0.6176,
0.3176

Harmonies

Analogous

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



69.3502, 0.3189, 0.3137



69.3502, 0.3310, 0.3238



69.3502, 0.3382, 0.3354

Triad

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



69.3502, 0.3310, 0.3238



69.3502, 0.3197, 0.3517



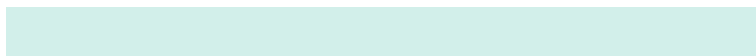
69.3502, 0.2877, 0.3118

Complementary

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



69.3502, 0.3310, 0.3238



81.3417, 0.2970, 0.3343

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.



69.3502, 0.2879, 0.3217



69.3502, 0.3310, 0.3238



69.3502, 0.3062, 0.3451

Square

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



69.3502, 0.3310, 0.3238



69.3502, 0.3315, 0.3518



69.3502, 0.2946, 0.3340



69.3502, 0.2940, 0.3067

Rectangle

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



69.3502, 0.3310, 0.3238



69.3502, 0.3391, 0.3426



69.3502, 0.2946, 0.3340



69.3502, 0.2870, 0.3147

Sweetspot

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



69.3533, 0.3310, 0.3238



93.1316, 0.3183, 0.3273



69.7670, 0.3103, 0.2988



19.6663, 0.3194, 0.3270



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.



69.3533, 0.3310, 0.3238



76.1018, 0.3362, 0.3225



73.7533, 0.3334, 0.3387



15.8031, 0.3266, 0.3250



10.2427, 0.6145, 0.3159



0.8647, 0.5808, 0.2973

Inverse Universe

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



69.3533, 0.3310, 0.3238



76.1018, 0.3362, 0.3225



76.4074, 0.2940, 0.3191



15.8031, 0.3266, 0.3250



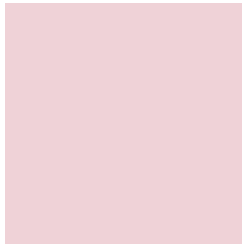
10.2427, 0.6145, 0.3159



0.8647, 0.5808, 0.2973

Previews

White Background



This preview shows how the Yxy color 69.3502, 0.3310, 0.3238 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 69.3502, 0.3310, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

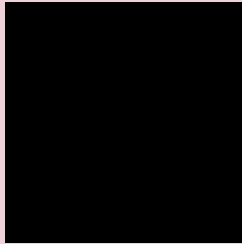
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3502, 0.3310, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 69.3502, 0.3310, 0.3238.

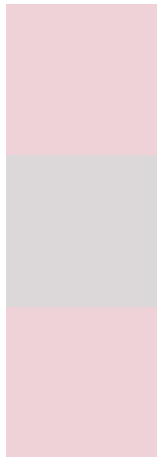


This preview shows how white text looks on a background with the Yxy color 69.3502, 0.3310, 0.3238.

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

69.3502, 0.3310, 0.3238

Protanopia

69.3893, 0.3143, 0.3268

Deuteranopia

69.3502, 0.3310, 0.3238



Tritanopia

69.0733, 0.3248, 0.3112

Trichromacy



Original Color

69.3502, 0.3310, 0.3238

Protanomaly

69.4338, 0.3202, 0.3258

Deuteranomaly

69.3502, 0.3310, 0.3238

Tritanomaly

69.3467, 0.3276, 0.3164

Monochromacy



Original Color

69.3502, 0.3310, 0.3238

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.3424, 0.3186, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3502, 0.3310, 0.3238 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(239, 210, 215)` looks like.

```
.text, #text, p{  
    color:rgb(239, 210, 215)  
}
```

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(239, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 210, 215) }
```

Border

The CSS property to change the border of an element to Yxy 69.3502, 0.3310, 0.3238 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(239, 210, 215) }
```

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

```
.border{ border-color:rgb(239, 210, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 210, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(239, 210,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3502, 0.3310, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 210, 215) }
```

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

```
.background{ background-color: rgb(239,  
210, 215) }
```

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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