

Converting Colors

Yxy(69.5609, 0.3311, 0.3257)

Have a look what the booklet for
Yxy(69.5609, 0.3311, 0.3257)
contains.

Yxy(69.6207, 0.3309, 0.3259)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.6207, 0.3309, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	EED3D6
RGB	238, 211, 214
RGB Percent	93%, 83%, 84%
CMY	0.0667, 0.1725, 0.1609
CMYK	0.00, 0.11, 0.10, 0.07
HSL	353°, 44%, 88%
HSV	353°, 11%, 93%
XYZ	70.6888, 69.6207, 73.3164
YIQ	219.4150, 15.1290, 6.6570

Conversions

Conversions Part 2

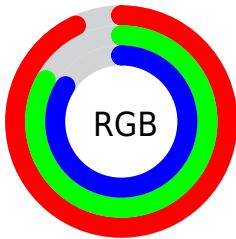
Format	Color
R _Y B	238, 211, 214
Decimal	15651798
CIE Lab	86.81, 9.86, 1.96
CIE LCh	87, 10.054, 11.250
Yxy	69.6207, 0.3309, 0.3259
Android (android.graphics.Color)	4293841878 (0xFFEED3D6)
YUV	219.4150, -2.6696, 16.2990
Hunter-Lab	83.4390, 5.2054, 6.3102

Details

The Yxy color **69.6207, 0.3309, 0.3259** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.9979, 0.2970, 0.3321**, and the grayscale version is **71.1535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2252, 0.3358, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **57.6476, 0.3512, 0.3230**, and if you desaturate by 10%, it is **83.4914, 0.3146, 0.3286**.

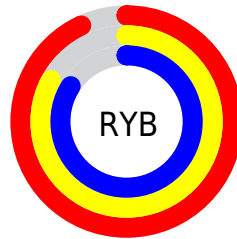
Distribution



Red (93%)

Green (83%)

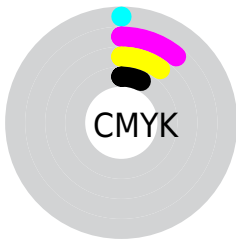
Blue (84%)



Red (93%)

Yellow (83%)

Blue (84%)

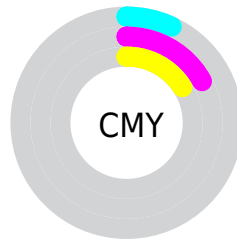


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (7%)



Cyan (7%)


Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6207, 0.3309, 0.3259 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 69.6207, 0.3309, 0.3259 by changing the saturation by 10% instead.


 69.6207, 0.3309,
0.3259

 69.6207, 0.3309,
0.3259


459.2171, 0.3224,
0.3274

 51.2174, 0.3329,
0.3255

118.6677, 0.3279,
0.3264

 36.3816, 0.3353,
0.3251


150.0801, 0.3268,
0.3266

 24.7291, 0.3384,
0.3245


186.5978, 0.3258,
0.3268

 15.8753, 0.3426,
0.3237

228.6049, 0.3249,
0.3270

 9.4360, 0.3483,
0.3226

276.4861, 0.3242,
0.3271

 5.0266, 0.3567,
0.3210

330.6255, 0.3235,

 2.2629, 0.3702,

0.3272

0.3182

391.4077, 0.3229,
0.3273

0.7540, 0.4010,
0.3141

0.0000, 0.0000,
0.0000

69.6207, 0.3309,
0.3259

69.6207, 0.3309,
0.3259

57.6476, 0.3512,
0.3230

83.4914, 0.3146,
0.3286

47.4808, 0.3763,
0.3200

96.9168, 0.3023,
0.3290

39.0353, 0.4072,
0.3171

32.2157, 0.4441,
0.3147

■ 26.9173, 0.4865,
0.3133

■ 23.0230, 0.5317,
0.3134

■ 20.3990, 0.5747,
0.3156

■ 18.8849, 0.6093,
0.3198

■ 18.2523, 0.6291,
0.3239

Harmonies

Analogous

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



69.6207, 0.3203, 0.3162



69.6207, 0.3309, 0.3259



69.6207, 0.3366, 0.3366

Triad

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



69.6207, 0.3309, 0.3259



69.6207, 0.3172, 0.3492



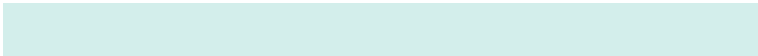
69.6207, 0.2902, 0.3121

Complementary

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



69.6207, 0.3309, 0.3259



80.9979, 0.2970, 0.3321

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.



69.6207, 0.2895, 0.3207



69.6207, 0.3309, 0.3259



69.6207, 0.3049, 0.3424

Square

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



69.6207, 0.3309, 0.3259



69.6207, 0.3285, 0.3503



69.6207, 0.2948, 0.3318



69.6207, 0.2969, 0.3083

Rectangle

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



69.6207, 0.3309, 0.3259



69.6207, 0.3367, 0.3429



69.6207, 0.2948, 0.3318



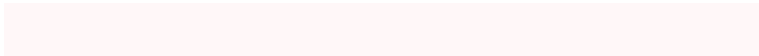
69.6207, 0.2893, 0.3145

Sweetspot

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



69.6238, 0.3309, 0.3259



94.7850, 0.3171, 0.3282



70.4024, 0.3117, 0.3009



19.9971, 0.3183, 0.3280



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.



69.6238, 0.3309, 0.3259



77.4199, 0.3360, 0.3251



74.7808, 0.3317, 0.3400



15.7871, 0.3276, 0.3264



10.1923, 0.6268, 0.3227



0.8572, 0.6003, 0.3081

Inverse Universe

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



69.6238, 0.3309, 0.3259



77.4199, 0.3360, 0.3251



75.3188, 0.2951, 0.3178



15.7871, 0.3276, 0.3264



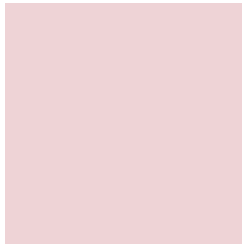
10.1923, 0.6268, 0.3227



0.8572, 0.6003, 0.3081

Previews

White Background



This preview shows how the Yxy color 69.6207, 0.3309, 0.3259 looks on a white background.

Color Contrast Check

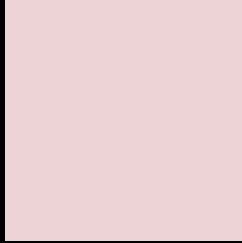
Large Text (above 18pt) WCAG AA × Fail

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 69.6207, 0.3309, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

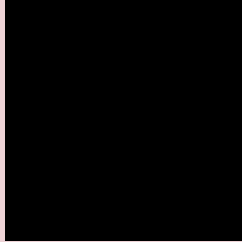
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6207, 0.3309, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 69.6207, 0.3309, 0.3259.



This preview shows how white text looks on a background with the Yxy color 69.6207, 0.3309, 0.3259.

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

69.6207, 0.3309, 0.3259

Protanopia

69.4936, 0.3157, 0.3279

Deuteranopia

69.4735, 0.3325, 0.3248



Tritanopia

69.6172, 0.3240, 0.3113

Trichromacy



Original Color

69.6207, 0.3309, 0.3259

Protanomaly

69.3819, 0.3209, 0.3269

Deuteranomaly

69.2989, 0.3318, 0.3248

Tritanomaly

69.7178, 0.3260, 0.3164

Monochromacy



Original Color

69.6207, 0.3309, 0.3259

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2902, 0.3193, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6207, 0.3309, 0.3259 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(238, 211, 214)` looks like.

```
.text, #text, p{  
    color:rgb(238, 211, 214)  
}
```

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(238, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 211, 214) }
```

Border

The CSS property to change the border of an element to Yxy 69.6207, 0.3309, 0.3259 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(238, 211, 214) }
```

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

```
.border{ border-color:rgb(238, 211, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(238, 211,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6207, 0.3309, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 211, 214) }
```

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

```
.background{ background-color: rgb(238,  
211, 214) }
```

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