

Converting Colors

Yxy(68.2961, 0.3329, 0.3267)

Have a look what the booklet for
Yxy(68.2961, 0.3329, 0.3267)
contains.

Yxy(68.3086, 0.3325, 0.3269)	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(68.3086, 0.3325, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	EDD1D3
RGB	237, 209, 211
RGB Percent	93%, 82%, 83%
CMY	0.0707, 0.1803, 0.1724
CMYK	0.00, 0.12, 0.11, 0.07
HSL	356°, 44%, 87%
HSV	356°, 12%, 93%
XYZ	69.4788, 68.3086, 71.1713
YIQ	217.6000, 16.0460, 6.5580

Conversions

Conversions Part 2

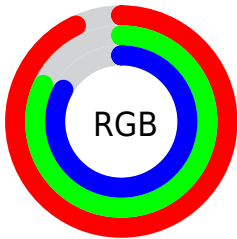
Format	Color
R _Y B	237, 209, 211
Decimal	15585747
CIE Lab	86.16, 10.06, 2.57
CIE LCh	86, 10.385, 14.313
Yxy	68.3086, 0.3325, 0.3269
Android (android.graphics.Color)	4293775827 (0xFFEDD1D3)
YUV	217.6000, -3.2538, 17.0138
Hunter-Lab	82.6490, 5.4200, 6.7981

Details

The Yxy color $68.3086, 0.3325, 0.3269$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80.1035, 0.2958, 0.3311$, and the grayscale version is $69.8367, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.7008, 0.3369, 0.3263$ is the 20% darker color. If you saturate the color by 10%, you get $56.5060, 0.3538, 0.3250$, and if you desaturate by 10%, it is $81.9975, 0.3154, 0.3287$.

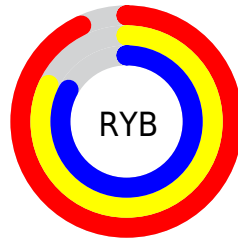
Distribution



Red (93%)

Green (82%)

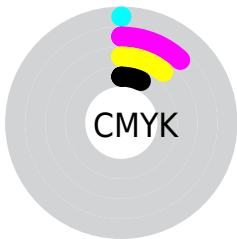
Blue (83%)



Red (93%)

Yellow (82%)

Blue (83%)

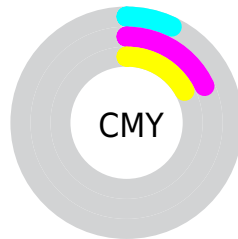


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (7%)



Cyan (7%)

Magenta (18%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3086, 0.3325, 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 68.3086, 0.3325, 0.3269 by changing the saturation by 10% instead.


 68.3086, 0.3325,
0.3269

 68.3086, 0.3325,
0.3269


454.5886, 0.3232,
0.3279

 50.1488, 0.3347,
0.3266


116.7935, 0.3292,
0.3273

 35.5317, 0.3374,
0.3263


147.8874, 0.3280,
0.3274

 24.0727, 0.3408,
0.3259


184.0616, 0.3269,
0.3275

 15.3876, 0.3454,
0.3253


225.7002, 0.3260,
0.3276

 9.0918, 0.3517,
0.3245

273.1879, 0.3252,
0.3277

 4.8011, 0.3610,
0.3231

326.9089, 0.3244,

 2.1311, 0.3762,

0.3278

0.3208

387.2477, 0.3238,
0.3279

0.6820, 0.4182,
0.3187

0.0000, 0.0000,
0.0000

68.3086, 0.3325,
0.3269

68.3086, 0.3325,
0.3269

56.5060, 0.3538,
0.3250

81.9975, 0.3154,
0.3287

46.4984, 0.3804,
0.3231

96.7393, 0.3017,
0.3290

38.2007, 0.4130,
0.3212

31.5172, 0.4519,
0.3198

■ 26.3428, 0.4961,
0.3190

■ 22.5599, 0.5426,
0.3194

■ 20.0336, 0.5854,
0.3211

■ 18.6023, 0.6179,
0.3242

■ 18.0402, 0.6340,
0.3266

Harmonies

Analogous

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



68.3086, 0.3219, 0.3166



68.3086, 0.3325, 0.3269



68.3086, 0.3377, 0.3379

Triad

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



68.3086, 0.3325, 0.3269



68.3086, 0.3161, 0.3495



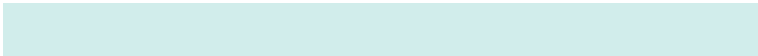
68.3086, 0.2898, 0.3108

Complementary

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



68.3086, 0.3325, 0.3269



80.1035, 0.2958, 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.



68.3086, 0.2884, 0.3193



68.3086, 0.3325, 0.3269



68.3086, 0.3033, 0.3419

Square

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



68.3086, 0.3325, 0.3269



68.3086, 0.3281, 0.3513



68.3086, 0.2933, 0.3307



68.3086, 0.2973, 0.3074

Rectangle

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



68.3086, 0.3325, 0.3269



68.3086, 0.3374, 0.3443



68.3086, 0.2933, 0.3307



68.3086, 0.2886, 0.3131

Sweetspot

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



68.3116, 0.3325, 0.3269



93.0693, 0.3189, 0.3283



69.3212, 0.3124, 0.2998



19.6505, 0.3201, 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.



68.3116, 0.3325, 0.3269



77.3471, 0.3369, 0.3265



74.1380, 0.3324, 0.3414



15.0717, 0.3282, 0.3273



9.8591, 0.6322, 0.3256



0.7804, 0.6122, 0.3146

Inverse Universe

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



68.3116, 0.3325, 0.3269



77.3471, 0.3369, 0.3265



73.6943, 0.2944, 0.3163



15.0717, 0.3282, 0.3273



9.8591, 0.6322, 0.3256



0.7804, 0.6122, 0.3146

Previews

White Background



This preview shows how the Yxy color 68.3086, 0.3325, 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 68.3086, 0.3325, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

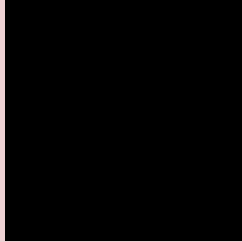
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.3086, 0.3325, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 68.3086, 0.3325, 0.3269.



This preview shows how white text looks on a background with the Yxy color 68.3086, 0.3325, 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

68.3086, 0.3325, 0.3269

Protanopia

68.6716, 0.3170, 0.3301

Deuteranopia

68.4812, 0.3333, 0.3269



Tritanopia

68.3041, 0.3256, 0.3122

Trichromacy



Original Color

68.3086, 0.3325, 0.3269

Protanomaly

68.5613, 0.3223, 0.3290

Deuteranomaly

68.4812, 0.3333, 0.3269

Tritanomaly

68.4034, 0.3276, 0.3174

Monochromacy



Original Color

68.3086, 0.3325, 0.3269

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.5147, 0.3200, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3086, 0.3325, 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(237, 209, 211)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 209, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 209, 211) }
```

Border

The CSS property to change the border of an element to Yxy 68.3086, 0.3325, 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(237, 209, 211) }
```

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

```
.border{ border-color:rgb(237, 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(237, 209, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 209, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 209, 211);  
box-shadow:4px 4px 4px 4px rgb(237, 209,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3086, 0.3325, 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(237, 209, 211) }
```

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

```
.background{ background-color: rgb(237,  
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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