

Converting Colors

$Yxy(73.1090, 0.3235, 0.3298)$

Have a look what the booklet for
Yxy(73.1090, 0.3235, 0.3298)
contains.

Yxy(73.0486, 0.3235, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.0486, 0.3235, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	E9DBDA
RGB	233, 219, 218
RGB Percent	91%, 86%, 85%
CMY	0.0863, 0.1411, 0.1451
CMYK	0.00, 0.06, 0.06, 0.09
HSL	4°, 25%, 88%
HSV	4°, 6%, 91%
XYZ	71.5881, 73.0486, 76.6557
YIQ	223.0720, 8.6650, 2.6570

Conversions

Conversions Part 2

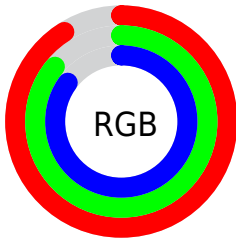
Format	Color
RYB	233, 219, 218
Decimal	15326170
CIELab	88.47, 4.62, 2.20
CIELCh	88, 5.115, 25.501
Yxy	73.0486, 0.3235, 0.3301
Android (android.graphics.Color)	4293516250 (0xFFE9DBDA)
YUV	223.0720, -2.5005, 8.7069
Hunter-Lab	85.4685, -0.0589, 6.6514

Details

The Yxy color **73.0486, 0.3235, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.4916, 0.3028, 0.3279**, and the grayscale version is **73.8603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5424, 0.3259, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **61.3072, 0.3435, 0.3319**, and if you desaturate by 10%, it is **86.4481, 0.3073, 0.3284**.

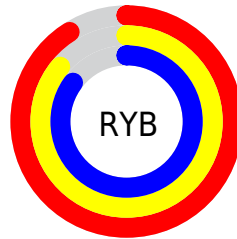
Distribution



Red (91%)

Green (86%)

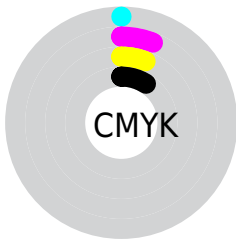
Blue (85%)



Red (91%)

Yellow (86%)

Blue (85%)

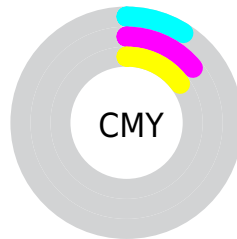


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (9%)



Cyan (9%)


Magenta (14%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0486, 0.3235, 0.3301 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 73.0486, 0.3235, 0.3301 by changing the saturation by 10% instead.


 73.0486, 0.3235,
0.3301

 73.0486, 0.3235,
0.3301

471.1832, 0.3185,
0.3296

 54.0157, 0.3246,
0.3302


123.5462, 0.3218,
0.3299

 38.6142, 0.3261,
0.3303


155.7797, 0.3211,
0.3299

 26.4597, 0.3279,
0.3305

193.1822, 0.3205,
0.3298

 17.1679, 0.3302,
0.3307

236.1380, 0.3200,
0.3298

 10.3543, 0.3335,
0.3309

285.0317, 0.3196,
0.3297

 5.6345, 0.3382,
0.3313

340.2475, 0.3192,

 2.6241, 0.3457,

0.3297

0.3318

402.1699, 0.3188,
0.3297

0.9388, 0.3597,
0.3328

0.0000, 0.0000,
0.0000

73.0486, 0.3235,
0.3301

73.0486, 0.3235,
0.3301

61.3072, 0.3435,
0.3319

86.4481, 0.3073,
0.3284

51.1504, 0.3683,
0.3339

96.0621, 0.2993,
0.3290

42.5132, 0.3987,
0.3358

35.3225, 0.4354,
0.3376

■ 29.4992, 0.4779,
0.3389

■ 24.9565, 0.5240,
0.3395

■ 21.5979, 0.5693,
0.3388

■ 19.3129, 0.6069,
0.3368

■ 17.9700, 0.6307,
0.3337

Harmonies

Analogous

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



73.0486, 0.3193, 0.3248



73.0486, 0.3235, 0.3301



73.0486, 0.3248, 0.3352

Triad

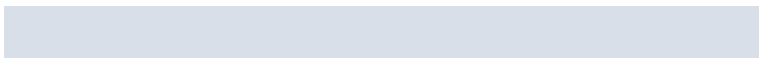
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0486, 0.3235, 0.3301



73.0486, 0.3120, 0.3377



73.0486, 0.3027, 0.3193

Complementary

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



73.0486, 0.3235, 0.3301



78.4916, 0.3028, 0.3279

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.



73.0486, 0.3008, 0.3227



73.0486, 0.3235, 0.3301



73.0486, 0.3062, 0.3333

Square

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



73.0486, 0.3235, 0.3301



73.0486, 0.3182, 0.3397



73.0486, 0.3021, 0.3278



73.0486, 0.3072, 0.3186

Rectangle

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



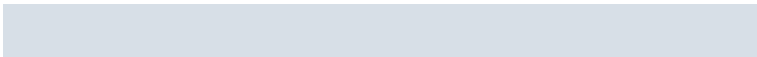
73.0486, 0.3235, 0.3301



73.0486, 0.3238, 0.3378



73.0486, 0.3021, 0.3278



73.0486, 0.3017, 0.3202

Sweetspot

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



73.0518, 0.3235, 0.3301



96.6782, 0.3159, 0.3293



73.2909, 0.3141, 0.3143



20.7279, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



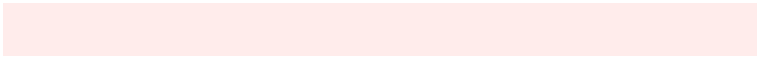
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0518, 0.3235, 0.3301



87.2100, 0.3264, 0.3304



77.0465, 0.3228, 0.3380



15.2166, 0.3291, 0.3306



10.0971, 0.6351, 0.3339



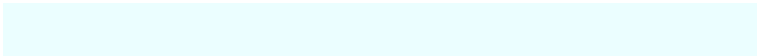
0.8501, 0.6221, 0.3442

Inverse Universe

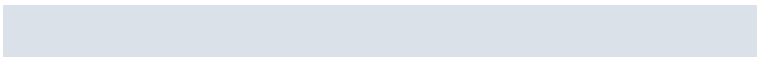
The Inverse Universe completely reimagines the original color for something new.



78.4916, 0.3028, 0.3279



95.4617, 0.3003, 0.3276



74.3667, 0.3028, 0.3199



16.9382, 0.2981, 0.3274



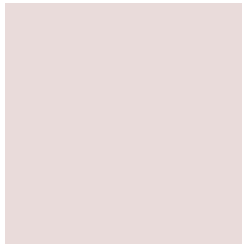
31.6662, 0.2189, 0.3079



2.5389, 0.2197, 0.3110

Previews

White Background



This preview shows how the Yxy color 73.0486, 0.3235, 0.3301 looks on a white background.

Color Contrast Check

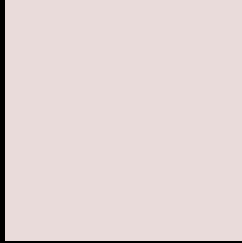
Large Text (above 18pt) WCAG AA × Fail

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 73.0486, 0.3235, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

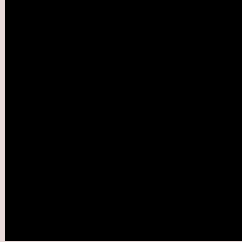
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

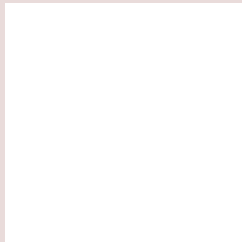
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0486, 0.3235, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 73.0486, 0.3235, 0.3301.

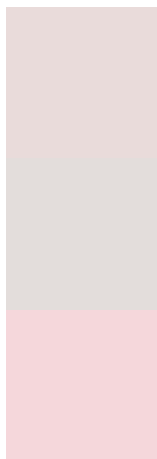


This preview shows how white text looks on a background with the Yxy color 73.0486, 0.3235, 0.3301.

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

73.0486, 0.3235, 0.3301

Protanopia

73.1583, 0.3183, 0.3312

Deuteranopia

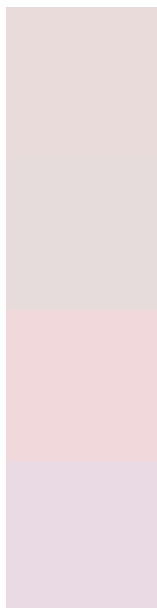
73.1278, 0.3321, 0.3249



Tritanopia

73.2284, 0.3143, 0.3113

Trichromacy



Original Color

73.0486, 0.3235, 0.3301

Protanomaly

72.9589, 0.3198, 0.3301

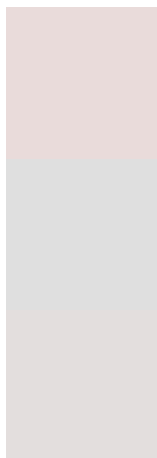
Deuteranomaly

72.9270, 0.3290, 0.3259

Tritanomaly

73.2367, 0.3175, 0.3185

Monochromacy



Original Color

73.0486, 0.3235, 0.3301

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7939, 0.3169, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0486, 0.3235, 0.3301 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, 219, 218)` looks like.

```
.text, #text, p{  
    color:rgb(233, 219, 218)  
}
```

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, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 219, 218) }
```

Border

The CSS property to change the border of an element to Yxy 73.0486, 0.3235, 0.3301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

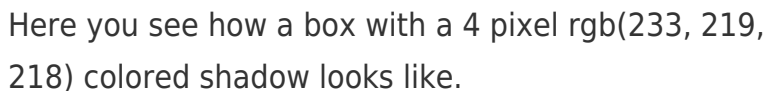
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 219, 218) }
```

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

```
.border{ border-color:rgb(233, 219, 218) }
```

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



Here you see how a box with a 4 pixel rgb(233, 219, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 219, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 219, 218); box-shadow:4px 4px 4px 4px rgb(233, 219, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0486, 0.3235, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 219, 218) }
```

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

```
.background{ background-color: rgb(233,  
219, 218) }
```

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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