

Converting Colors

$Y_{xy}(73.1611, 0.3292, 0.3404)$

Have a look what the booklet for
Yxy(73.1611, 0.3292, 0.3404)
contains.

Yxy(73.1135, 0.3296, 0.3408)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.1135, 0.3296, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	E9DCD1
RGB	233, 220, 209
RGB Percent	91%, 86%, 82%
CMY	0.0862, 0.1373, 0.1804
CMYK	0.00, 0.06, 0.10, 0.09
HSL	27°, 35%, 87%
HSV	27°, 10%, 91%
XYZ	70.7107, 73.1135, 70.7107
YIQ	222.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

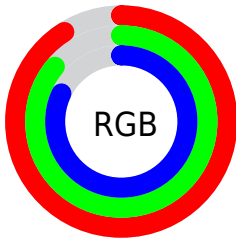
Format	Color
R _Y B	233, 229, 209
Decimal	15326417
CIE Lab	88.50, 2.62, 6.98
CIE LCh	89, 7.454, 69.442
Yxy	73.1135, 0.3296, 0.3408
Android (android.graphics.Color)	4293516497 (0xFFE9DCD1)
YUV	222.6330, -6.7211, 9.0919
Hunter-Lab	85.5064, -2.0233, 10.8238

Details

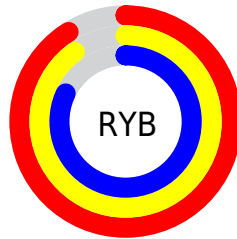
The Yxy color **73.1135, 0.3296, 0.3408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6965, 0.2967, 0.3169**, and the grayscale version is **73.5641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6239, 0.3330, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **65.6625, 0.3485, 0.3529**, and if you desaturate by 10%, it is **81.2409, 0.3132, 0.3293**.

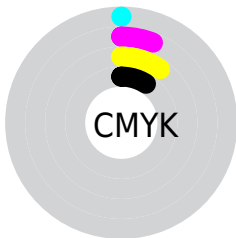
Distribution



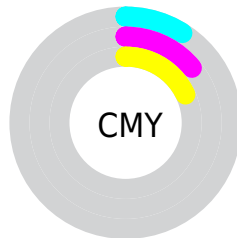
- Red (91%)
- Green (86%)
- Blue (82%)



- Red (91%)
- Yellow (90%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1135, 0.3296, 0.3408 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 73.1135, 0.3296, 0.3408 by changing the saturation by 10% instead.

73.1135, 0.3296,
0.3408

73.1135, 0.3296,
0.3408

471.4081, 0.3218,
0.3354

54.0688, 0.3314,
0.3420

123.6383, 0.3269,
0.3389

38.6566, 0.3336,
0.3435

155.8872, 0.3258,
0.3382

26.4927, 0.3364,
0.3455

193.3063, 0.3249,
0.3376

17.1926, 0.3401,
0.3479

236.2799, 0.3241,
0.3370

10.3719, 0.3452,
0.3513

285.1925, 0.3234,
0.3365

5.6462, 0.3526,
0.3561

340.4285, 0.3228,

2.6312, 0.3642,

0.3361

402.3722, 0.3223,
0.3357

0.3636

0.9424, 0.3945,
0.3857

0.0000, 0.0000,
0.0000

73.1135, 0.3296,
0.3408

73.1135, 0.3296,
0.3408

65.6625, 0.3485,
0.3529

81.2409, 0.3132,
0.3293

58.8600, 0.3702,
0.3654

90.0132, 0.2993,
0.3193

52.6900, 0.3946,
0.3778

96.0666, 0.2994,
0.3290

47.1322, 0.4216,
0.3894

■ 42.1650, 0.4506,
0.3992

■ 37.7652, 0.4803,
0.4058

■ 33.9076, 0.5090,
0.4081

■ 30.5639, 0.5346,
0.4050

■ 27.7756, 0.5554,
0.3972

Harmonies

Analogous

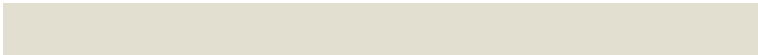
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1135, 0.3299, 0.3342



73.1135, 0.3296, 0.3408



73.1135, 0.3247, 0.3444

Triad

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



73.1135, 0.3296, 0.3408



73.1135, 0.3000, 0.3316



73.1135, 0.3087, 0.3147

Complementary

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



73.1135, 0.3296, 0.3408



71.6965, 0.2967, 0.3169

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.



73.1135, 0.3008, 0.3139



73.1135, 0.3296, 0.3408



73.1135, 0.2958, 0.3235

Square

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



73.1135, 0.3296, 0.3408



73.1135, 0.3075, 0.3391



73.1135, 0.2961, 0.3170



73.1135, 0.3178, 0.3193

Rectangle

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



73.1135, 0.3296, 0.3408



73.1135, 0.3195, 0.3445



73.1135, 0.2961, 0.3170



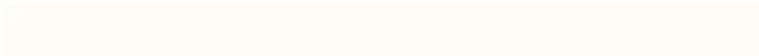
73.1135, 0.3058, 0.3140

Sweetspot

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



73.1167, 0.3296, 0.3408



96.8992, 0.3174, 0.3324



68.2165, 0.3215, 0.3149



20.5658, 0.3187, 0.3333



0.0000, 0.0000, 0.0000



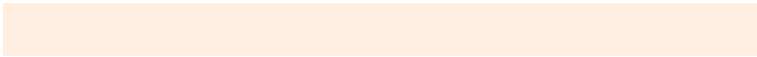
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1167, 0.3296, 0.3408



88.0513, 0.3327, 0.3429



79.5408, 0.3282, 0.3531



16.1903, 0.3281, 0.3398



15.9993, 0.5528, 0.3993



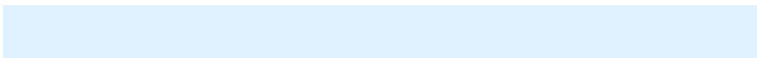
1.4466, 0.5297, 0.4176

Inverse Universe

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



71.6965, 0.2967, 0.3169



86.0363, 0.2940, 0.3147



65.6364, 0.2966, 0.3037



15.9022, 0.2981, 0.3179



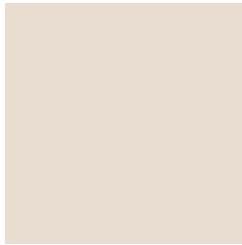
12.1038, 0.1812, 0.1723



1.1425, 0.1877, 0.1958

Previews

White Background



This preview shows how the Yxy color 73.1135, 0.3296, 0.3408 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 73.1135, 0.3296, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

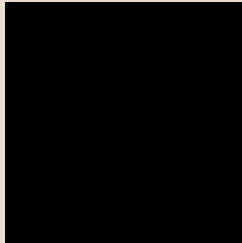
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

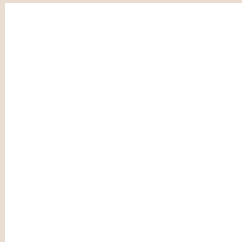
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1135, 0.3296, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 73.1135, 0.3296, 0.3408.

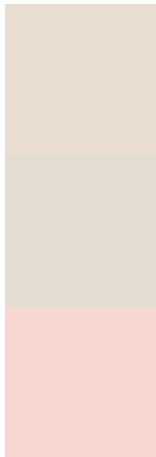


This preview shows how white text looks on a background with the Yxy color 73.1135, 0.3296, 0.3408.

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

73.1135, 0.3296, 0.3408

Protanopia

73.0241, 0.3259, 0.3409

Deuteranopia

73.2105, 0.3408, 0.3343



Tritanopia

72.8278, 0.3157, 0.3113

Trichromacy



Original Color

73.1135, 0.3296, 0.3408

Protanomaly

73.1890, 0.3266, 0.3409

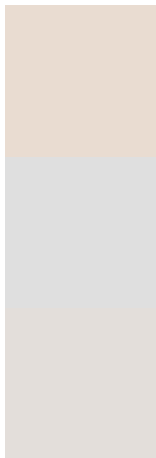
Deuteranomaly

73.3335, 0.3367, 0.3364

Tritanomaly

72.6697, 0.3210, 0.3217

Monochromacy



Original Color

73.1135, 0.3296, 0.3408

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.6354, 0.3189, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1135, 0.3296, 0.3408 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, 220, 209)` looks like.

```
.text, #text, p{  
    color:rgb(233, 220, 209)  
}
```

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, 220, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 220, 209) }
```

Border

The CSS property to change the border of an element to Yxy 73.1135, 0.3296, 0.3408 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, 220, 209) }
```

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

```
.border{ border-color:rgb(233, 220, 209) }
```

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

Here you see how a box with a 4 pixel rgb(233, 220, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 220, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 220, 209);  
box-shadow:4px 4px 4px 4px rgb(233, 220,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1135, 0.3296, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 220, 209) }
```

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

```
.background{ background-color: rgb(233,  
220, 209) }
```

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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