

Converting Colors

$Y_{xy}(72.5575, 0.3281, 0.3279)$

Have a look what the booklet for
Yxy(72.5575, 0.3281, 0.3279)
contains.

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Color

Yxy(72.2986, 0.3282, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EED8D9
RGB	238, 216, 217
RGB Percent	93%, 85%, 85%
CMY	0.0666, 0.1529, 0.1491
CMYK	0.00, 0.09, 0.09, 0.07
HSL	357°, 39%, 89%
HSV	357°, 9%, 93%
XYZ	72.3427, 72.2986, 75.7813
YIQ	222.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

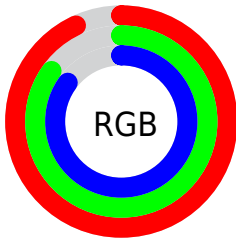
Format	Color
R _Y B	238, 216, 217
Decimal	15653081
CIE Lab	88.11, 7.76, 2.26
CIE LCh	88, 8.080, 16.264
Yxy	72.2986, 0.3282, 0.3280
Android (android.graphics.Color)	4293843161 (0xFFEED8D9)
YUV	222.6920, -2.8062, 13.4251
Hunter-Lab	85.0286, 3.0685, 6.6781

Details

The Yxy color **72.2986, 0.3282, 0.3280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.8731, 0.2990, 0.3300**, and the grayscale version is **73.5781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0435, 0.3321, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **59.8739, 0.3490, 0.3269**, and if you desaturate by 10%, it is **86.6590, 0.3116, 0.3291**.

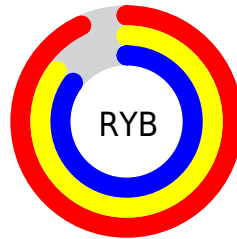
Distribution



Red (93%)

Green (85%)

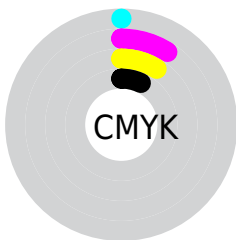
Blue (85%)



Red (93%)

Yellow (85%)

Blue (85%)

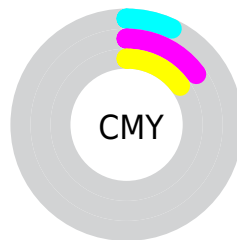


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (7%)



Cyan (7%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2986, 0.3282, 0.3280 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 72.2986, 0.3282, 0.3280 by changing the saturation by 10% instead.

 72.2986, 0.3282,
0.3280

 72.2986, 0.3282,
0.3280


468.5803, 0.3210,
0.3285

 53.4026, 0.3299,
0.3279


122.4810, 0.3257,
0.3282

 38.1243, 0.3319,
0.3277


154.5362, 0.3247,
0.3283

 26.0792, 0.3345,
0.3275


191.7465, 0.3239,
0.3283

 16.8829, 0.3379,
0.3272

234.4965, 0.3232,
0.3284

 10.1510, 0.3426,
0.3268

283.1705, 0.3225,
0.3284

 5.4992, 0.3495,
0.3261

338.1528, 0.3220,

 2.5430, 0.3604,

0.3284

0.3250

399.8280, 0.3215,
0.3285

0.8981, 0.3815,
0.3234

0.0000, 0.0000,
0.0000

72.2986, 0.3282,
0.3280

72.2986, 0.3282,
0.3280

59.8739, 0.3490,
0.3269

86.6590, 0.3116,
0.3291

49.2930, 0.3749,
0.3257

96.9198, 0.3023,
0.3290

40.4712, 0.4069,
0.3246

33.3130, 0.4454,
0.3236

■ 27.7142, 0.4897,
0.3231

■ 23.5584, 0.5369,
0.3232

■ 20.7135, 0.5814,
0.3243

■ 19.0227, 0.6160,
0.3261

■ 18.2462, 0.6356,
0.3281

Harmonies

Analogous

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



72.2986, 0.3204, 0.3200



72.2986, 0.3282, 0.3280



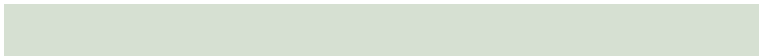
72.2986, 0.3319, 0.3364

Triad

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



72.2986, 0.3282, 0.3280



72.2986, 0.3147, 0.3443



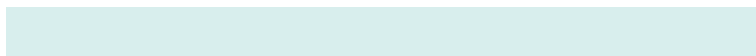
72.2986, 0.2954, 0.3148

Complementary

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



72.2986, 0.3282, 0.3280



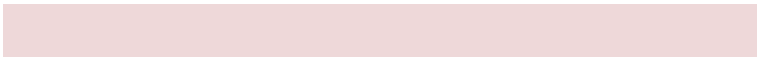
81.8731, 0.2990, 0.3300

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.



72.2986, 0.2940, 0.3211



72.2986, 0.3282, 0.3280



72.2986, 0.3050, 0.3383

Square

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



72.2986, 0.3282, 0.3280



72.2986, 0.3239, 0.3460



72.2986, 0.2974, 0.3298



72.2986, 0.3014, 0.3124

Rectangle

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



72.2986, 0.3282, 0.3280



72.2986, 0.3314, 0.3412



72.2986, 0.2974, 0.3298



72.2986, 0.2944, 0.3166

Sweetspot

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



72.3018, 0.3282, 0.3280



94.7541, 0.3174, 0.3287



73.2764, 0.3130, 0.3063



19.9888, 0.3187, 0.3286



0.0000, 0.0000, 0.0000



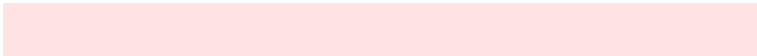
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3018, 0.3282, 0.3280



81.7840, 0.3316, 0.3278



77.4804, 0.3278, 0.3394



15.7704, 0.3286, 0.3280



10.1591, 0.6353, 0.3273



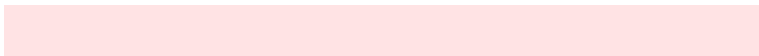
0.8492, 0.6230, 0.3206

Inverse Universe

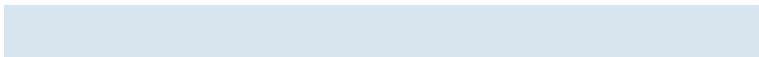
The Inverse Universe completely reimagines the original color for something new.



72.3018, 0.3282, 0.3280



81.7840, 0.3316, 0.3278



76.3201, 0.2984, 0.3184



15.7704, 0.3286, 0.3280



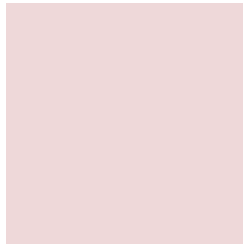
10.1591, 0.6353, 0.3273



0.8492, 0.6230, 0.3206

Previews

White Background



This preview shows how the Yxy color 72.2986, 0.3282, 0.3280 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 72.2986, 0.3282, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

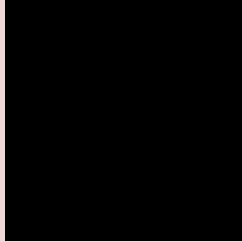
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

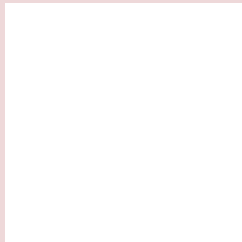
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2986, 0.3282, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 72.2986, 0.3282, 0.3280.



This preview shows how white text looks on a background with the Yxy color 72.2986, 0.3282, 0.3280.

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





Tritanopia

72.3879, 0.3201, 0.3114

Trichromacy



Original Color

72.2986, 0.3282, 0.3280

Protanomaly

72.5480, 0.3213, 0.3301

Deuteranomaly

72.4879, 0.3313, 0.3270

Tritanomaly

72.4426, 0.3227, 0.3176

Monochromacy



Original Color

72.2986, 0.3282, 0.3280

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9008, 0.3178, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2986, 0.3282, 0.3280 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, 216, 217)` looks like.

```
.text, #text, p{  
    color:rgb(238, 216, 217)  
}
```

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, 216, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 216, 217) }
```

Border

The CSS property to change the border of an element to Yxy 72.2986, 0.3282, 0.3280 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, 216, 217) }
```

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

```
.border{ border-color:rgb(238, 216, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 216, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 216, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 216, 217);  
box-shadow:4px 4px 4px 4px rgb(238, 216,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2986, 0.3282, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 216, 217) }
```

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

```
.background{ background-color: rgb(238,  
216, 217) }
```

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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