

Converting Colors

$Y_{xy}(72.8019, 0.3265, 0.3292)$

Have a look what the booklet for
Yxy(72.8019, 0.3265, 0.3292)
contains.

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Color

Yxy(72.9854, 0.3265, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	ECDAD9
RGB	236, 218, 217
RGB Percent	93%, 85%, 85%
CMY	0.0745, 0.1451, 0.1490
CMYK	0.00, 0.08, 0.08, 0.07
HSL	3°, 33%, 89%
HSV	3°, 8%, 93%
XYZ	72.1894, 72.9854, 75.9260
YIQ	223.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

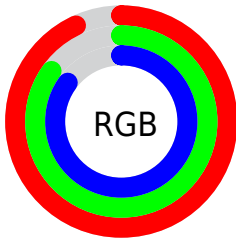
Format	Color
R _Y B	236, 218, 217
Decimal	15522521
CIE Lab	88.44, 6.02, 2.72
CIE LCh	88, 6.602, 24.298
Yxy	72.9854, 0.3265, 0.3301
Android (android.graphics.Color)	4293712601 (0xFFECDAD9)
YUV	223.2680, -3.0901, 11.1660
Hunter-Lab	85.4315, 1.3270, 7.1089

Details

The Yxy color **72.9854, 0.3265, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.2269, 0.3003, 0.3279**, and the grayscale version is **74.0112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5063, 0.3299, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **61.0248, 0.3473, 0.3316**, and if you desaturate by 10%, it is **86.6915, 0.3097, 0.3287**.

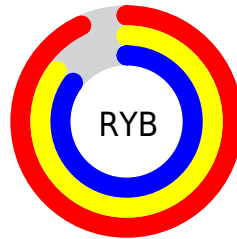
Distribution



Red (93%)

Green (85%)

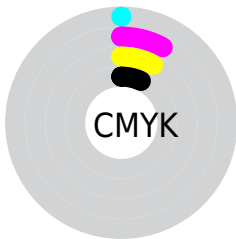
Blue (85%)



Red (93%)

Yellow (85%)

Blue (85%)

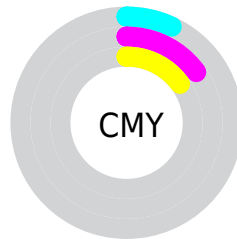


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (7%)



Cyan (7%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9854, 0.3265, 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 72.9854, 0.3265, 0.3301 by changing the saturation by 10% instead.

 72.9854, 0.3265,
0.3301

 72.9854, 0.3265,
0.3301


470.9642, 0.3201,
0.3296

 53.9640, 0.3280,
0.3302

123.4565, 0.3243,
0.3299

 38.5729, 0.3298,
0.3303


155.6750, 0.3234,
0.3299

 26.4276, 0.3321,
0.3305


193.0613, 0.3227,
0.3298

 17.1438, 0.3351,
0.3306

235.9999, 0.3220,
0.3298

 10.3371, 0.3393,
0.3309

284.8750, 0.3215,
0.3297

 5.6230, 0.3453,
0.3311

340.0712, 0.3210,

 2.6172, 0.3549,

0.3297

0.3315

401.9728, 0.3205,
0.3297

0.9353, 0.3733,
0.3325

0.0000, 0.0000,
0.0000

72.9854, 0.3265,
0.3301

72.9854, 0.3265,
0.3301

61.0248, 0.3473,
0.3316

86.6915, 0.3097,
0.3287

50.7304, 0.3732,
0.3331

96.5744, 0.3011,
0.3290

42.0312, 0.4049,
0.3347

34.8475, 0.4430,
0.3360

■ 29.0925, 0.4869,
0.3370

■ 24.6708, 0.5338,
0.3373

■ 21.4752, 0.5784,
0.3366

■ 19.3821, 0.6138,
0.3348

■ 18.2400, 0.6345,
0.3324

Harmonies

Analogous

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



72.9854, 0.3209, 0.3233



72.9854, 0.3265, 0.3301



72.9854, 0.3284, 0.3368

Triad

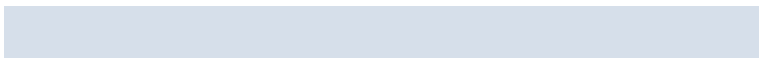
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9854, 0.3265, 0.3301



72.9854, 0.3122, 0.3404



72.9854, 0.2996, 0.3166

Complementary

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



72.9854, 0.3265, 0.3301



80.2269, 0.3003, 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.



72.9854, 0.2973, 0.3210



72.9854, 0.3265, 0.3301



72.9854, 0.3045, 0.3348

Square

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



72.9854, 0.3265, 0.3301



72.9854, 0.3200, 0.3429



72.9854, 0.2991, 0.3277



72.9854, 0.3053, 0.3155

Rectangle

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



72.9854, 0.3265, 0.3301



72.9854, 0.3272, 0.3402



72.9854, 0.2991, 0.3277



72.9854, 0.2984, 0.3177

Sweetspot

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



72.9886, 0.3265, 0.3301



96.6326, 0.3159, 0.3293



73.4607, 0.3143, 0.3103



20.7186, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



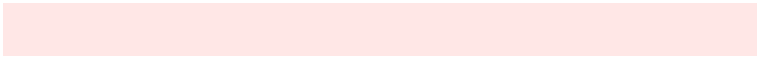
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9886, 0.3265, 0.3301



84.0121, 0.3303, 0.3304



78.0310, 0.3255, 0.3400



15.1817, 0.3292, 0.3303



10.0376, 0.6362, 0.3331



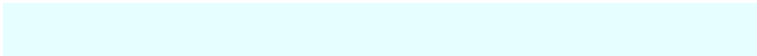
0.8333, 0.6258, 0.3413

Inverse Universe

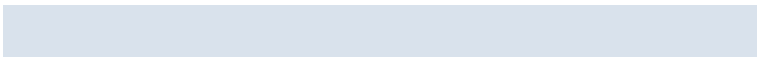
The Inverse Universe completely reimagines the original color for something new.



80.2269, 0.3003, 0.3279



94.6231, 0.2973, 0.3276



74.9580, 0.3003, 0.3178



16.9774, 0.2981, 0.3277



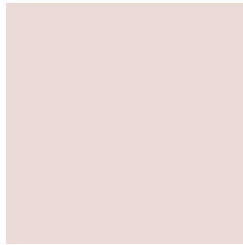
32.6443, 0.2201, 0.3125



2.6052, 0.2208, 0.3149

Previews

White Background



This preview shows how the Yxy color 72.9854, 0.3265, 0.3301 looks on a white background.

Color Contrast Check

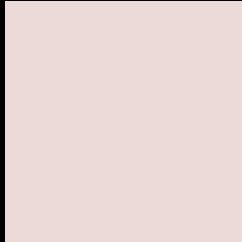
Large Text (above 18pt) WCAG AA × Fail

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 72.9854, 0.3265, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

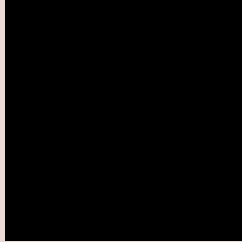
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

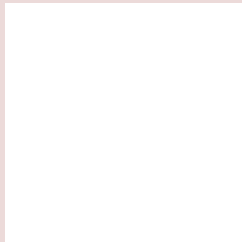
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9854, 0.3265, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 72.9854, 0.3265, 0.3301.

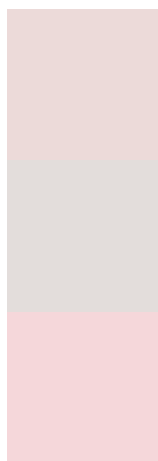


This preview shows how white text looks on a background with the Yxy color 72.9854, 0.3265, 0.3301.

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

72.9854, 0.3265, 0.3301

Protanopia

73.1583, 0.3183, 0.3312

Deuteranopia

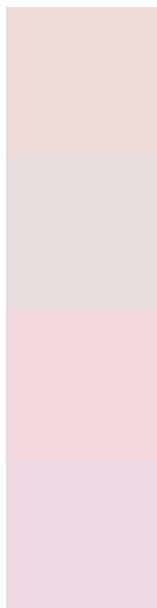
73.0753, 0.3328, 0.3260



Tritanopia

73.1721, 0.3171, 0.3114

Trichromacy



Original Color

72.9854, 0.3265, 0.3301

Protanomaly

73.0713, 0.3212, 0.3312

Deuteranomaly

73.0509, 0.3305, 0.3270

Tritanomaly

73.1763, 0.3204, 0.3186

Monochromacy



Original Color

72.9854, 0.3265, 0.3301

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.4273, 0.3177, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9854, 0.3265, 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(236, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(236, 218, 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(236, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 218, 217) }
```

Border

The CSS property to change the border of an element to Yxy 72.9854, 0.3265, 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(236, 218, 217) }
```

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

```
.border{ border-color:rgb(236, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(236, 218,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9854, 0.3265, 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(236, 218, 217) }
```

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

```
.background{ background-color: rgb(236,  
218, 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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