

Converting Colors

Yxy(72.4933, 0.3201, 0.3329)

Have a look what the booklet for
Yxy(72.4933, 0.3201, 0.3329)
contains.

Yxy(72.4752, 0.3204, 0.3333)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.4752, 0.3204, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCD8
RGB	227, 220, 216
RGB Percent	89%, 86%, 85%
CMY	0.1098, 0.1372, 0.1528
CMYK	0.00, 0.03, 0.05, 0.11
HSL	22°, 16%, 87%
HSV	22°, 5%, 89%
XYZ	69.6701, 72.4752, 75.3020
YIQ	221.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

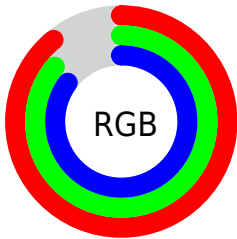
Format	Color
RYB	227, 222, 216
Decimal	14933208
CIELab	88.20, 1.70, 2.78
CIElCh	88, 3.261, 58.602
Yxy	72.4752, 0.3204, 0.3333
Android (android.graphics.Color)	4293123288 (0xFFE3DCD8)
YUV	221.6370, -2.7790, 4.7034
Hunter-Lab	85.1324, -2.9019, 7.1490

Details

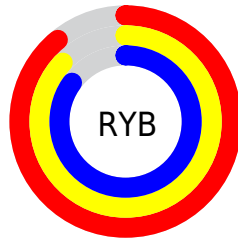
The Yxy color **72.4752, 0.3204, 0.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9426, 0.3053, 0.3247**, and the grayscale version is **72.7980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2541, 0.3228, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **64.1070, 0.3383, 0.3427**, and if you desaturate by 10%, it is **81.6708, 0.3051, 0.3246**.

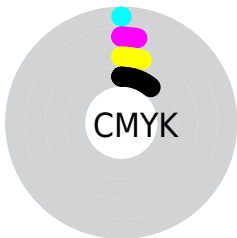
Distribution



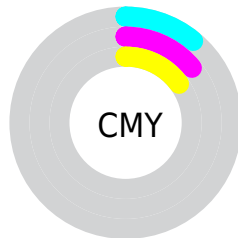
- Red (89%)
- Green (86%)
- Blue (85%)



- Red (89%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (11%)





- Cyan (11%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4752, 0.3204, 0.3333 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 72.4752, 0.3204, 0.3333 by changing the saturation by 10% instead.

 72.4752, 0.3204,
0.3333

 72.4752, 0.3204,
0.3333

469.1939, 0.3168,
0.3313

 53.5470, 0.3212,
0.3337


122.7319, 0.3192,
0.3326

 38.2396, 0.3222,
0.3343

154.8291, 0.3187,
0.3323

 26.1687, 0.3235,
0.3350


192.0848, 0.3183,
0.3321

 16.9499, 0.3252,
0.3359

234.8834, 0.3179,
0.3319

 10.1988, 0.3275,
0.3372

283.6092, 0.3176,
0.3317

 5.5309, 0.3309,
0.3390

338.6466, 0.3173,

 2.5620, 0.3363,

0.3316

0.3418

400.3800, 0.3171,
0.3315

0.9076, 0.3474,
0.3482

0.0000, 0.0000,
0.0000

72.4752, 0.3204,
0.3333

72.4752, 0.3204,
0.3333

64.1070, 0.3383,
0.3427

81.6708, 0.3051,
0.3246

56.5334, 0.3593,
0.3525

91.2853, 0.2957,
0.3229

49.7332, 0.3838,
0.3625

95.0716, 0.2958,
0.3290

43.6808, 0.4118,
0.3722

■ 38.3490, 0.4430,
0.3807

■ 33.7088, 0.4767,
0.3870

■ 29.7288, 0.5110,
0.3898

■ 26.3750, 0.5432,
0.3879

■ 23.6090, 0.5704,
0.3807

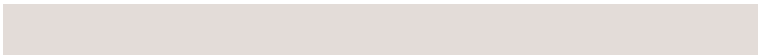
Harmonies

Analogous

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



72.4752, 0.3198, 0.3301



72.4752, 0.3204, 0.3333



72.4752, 0.3189, 0.3354

Triad

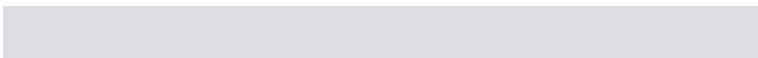
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4752, 0.3204, 0.3333



72.4752, 0.3082, 0.3314



72.4752, 0.3096, 0.3224

Complementary

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



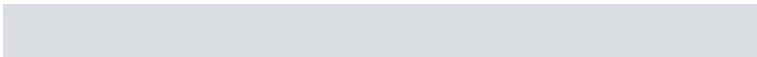
72.4752, 0.3204, 0.3333



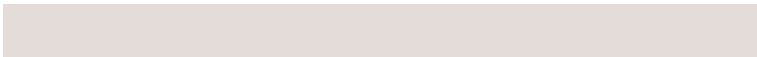
72.9426, 0.3053, 0.3247

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.



72.4752, 0.3065, 0.3227



72.4752, 0.3204, 0.3333



72.4752, 0.3057, 0.3279

Square

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



72.4752, 0.3204, 0.3333



72.4752, 0.3119, 0.3343



72.4752, 0.3051, 0.3247



72.4752, 0.3135, 0.3238

Rectangle

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



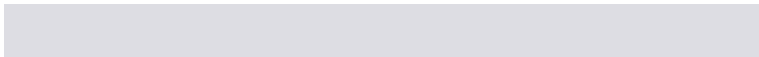
72.4752, 0.3204, 0.3333



72.4752, 0.3170, 0.3359



72.4752, 0.3051, 0.3247



72.4752, 0.3084, 0.3223

Sweetspot

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



72.4783, 0.3204, 0.3333



98.8031, 0.3143, 0.3299



70.7952, 0.3159, 0.3214



21.1606, 0.3142, 0.3298



0.0000, 0.0000, 0.0000



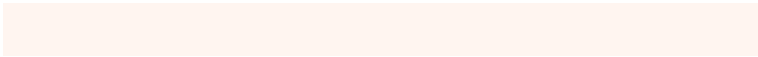
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4783, 0.3204, 0.3333



92.9819, 0.3224, 0.3344



75.3354, 0.3200, 0.3390



15.7545, 0.3234, 0.3349



13.2593, 0.5797, 0.3779



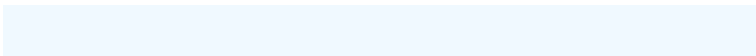
1.1514, 0.5520, 0.3999

Inverse Universe

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



72.9426, 0.3053, 0.3247



93.7306, 0.3034, 0.3235



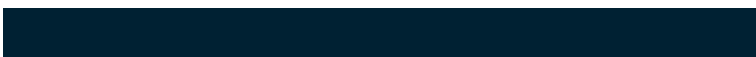
70.1247, 0.3054, 0.3188



15.8941, 0.3025, 0.3230



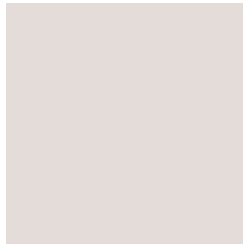
15.2461, 0.1906, 0.2062



1.3015, 0.1962, 0.2262

Previews

White Background



This preview shows how the Yxy color 72.4752, 0.3204, 0.3333 looks on a white background.

Color Contrast Check

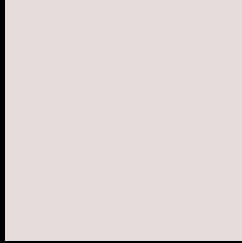
Large Text (above 18pt) WCAG AA × Fail

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 72.4752, 0.3204, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

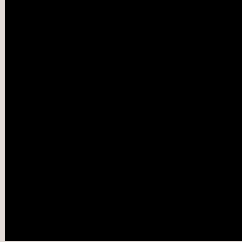
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

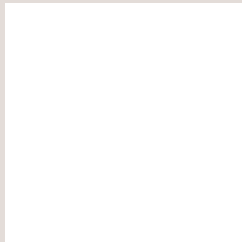
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4752, 0.3204, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 72.4752, 0.3204, 0.3333.

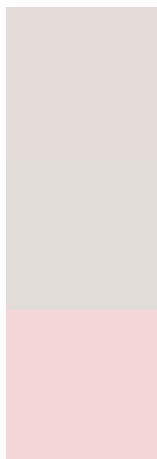


This preview shows how white text looks on a background with the Yxy color 72.4752, 0.3204, 0.3333.

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

72.4752, 0.3204, 0.3333

Protanopia

72.3130, 0.3197, 0.3333

Deuteranopia

72.3360, 0.3329, 0.3259



Tritanopia

72.3892, 0.3107, 0.3111

Trichromacy



Original Color

72.4752, 0.3204, 0.3333

Protanomaly

72.3130, 0.3197, 0.3333

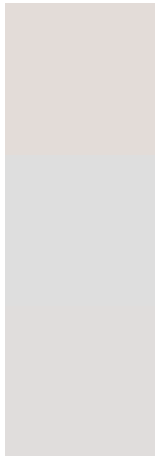
Deuteranomaly

72.2986, 0.3282, 0.3280

Tritanomaly

72.3469, 0.3146, 0.3194

Monochromacy



Original Color

72.4752, 0.3204, 0.3333

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.7275, 0.3155, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4752, 0.3204, 0.3333 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(227, 220, 216)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 216)  
}
```

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(227, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 216) }
```

Border

The CSS property to change the border of an element to Yxy 72.4752, 0.3204, 0.3333 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(227, 220, 216) }
```

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

```
.border{ border-color:rgb(227, 220, 216) }
```

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

Here you see how a box with a 4 pixel rgb(227, 220, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 216);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
216) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.4752, 0.3204, 0.3333$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 216) }
```

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

```
.background{ background-color: rgb(227,  
220, 216) }
```

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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