

Converting Colors

$Yxy(72.5572, 0.3201, 0.3324)$

Have a look what the booklet for
Yxy(72.5572, 0.3201, 0.3324)
contains.

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Color

Yxy(72.5270, 0.3197, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCD9
RGB	227, 220, 217
RGB Percent	89%, 86%, 85%
CMY	0.1101, 0.1371, 0.1491
CMYK	0.00, 0.03, 0.04, 0.11
HSL	18°, 15%, 87%
HSV	18°, 4%, 89%
XYZ	69.7770, 72.5270, 75.9536
YIQ	221.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

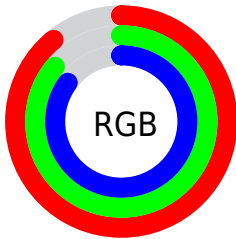
Format	Color
R_{YB}	227, 221, 217
Decimal	14933209
CIE Lab	88.22, 1.82, 2.32
CIE LCh	88, 2.948, 51.822
Yxy	72.5270, 0.3197, 0.3323
Android (android.graphics.Color)	4293123289 (0xFFE3DCD9)
YUV	221.7510, -2.3422, 4.6034
Hunter-Lab	85.1628, -2.7834, 6.7353

Details

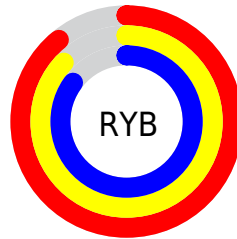
The Yxy color **72.5270, 0.3197, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5379, 0.3060, 0.3257**, and the grayscale version is **72.8710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2896, 0.3219, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **63.5517, 0.3377, 0.3402**, and if you desaturate by 10%, it is **82.4488, 0.3045, 0.3249**.

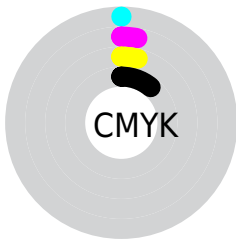
Distribution



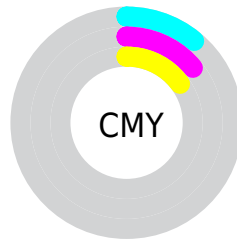
- Red (89%)
- Green (86%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5270, 0.3197, 0.3323 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 72.5270, 0.3197, 0.3323 by changing the saturation by 10% instead.

■ 72.5270, 0.3197,
0.3323

■ 72.5270, 0.3197,
0.3323

469.3738, 0.3165,
0.3308

■ 53.5893, 0.3204,
0.3326

122.8055, 0.3186,
0.3318

■ 38.2734, 0.3214,
0.3331

154.9151, 0.3181,
0.3316

■ 26.1950, 0.3225,
0.3336

192.1840, 0.3178,
0.3314

■ 16.9695, 0.3241,
0.3343

234.9968, 0.3174,
0.3312

■ 10.2128, 0.3262,
0.3353

283.7378, 0.3171,
0.3311

■ 5.5403, 0.3292,
0.3366

338.7913, 0.3169,

■ 2.5676, 0.3341,

0.3310

400.5419, 0.3167,
0.3309

0.3388

0.9104, 0.3438,
0.3434

0.0000, 0.0000,
0.0000

72.5270, 0.3197,
0.3323

72.5270, 0.3197,
0.3323

63.5517, 0.3377,
0.3402

82.4488, 0.3045,
0.3249

55.4855, 0.3591,
0.3486

92.8507, 0.2957,
0.3255

48.3021, 0.3843,
0.3571

95.0592, 0.2958,
0.3290

41.9707, 0.4135,
0.3653

■ 36.4584, 0.4466,
0.3725

■ 31.7301, 0.4826,
0.3777

■ 27.7479, 0.5196,
0.3796

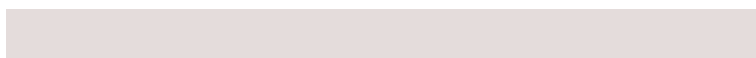
■ 24.4704, 0.5544,
0.3770

■ 21.8511, 0.5834,
0.3697

Harmonies

Analogous

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



72.5270, 0.3187, 0.3293



72.5270, 0.3197, 0.3323



72.5270, 0.3188, 0.3345

Triad

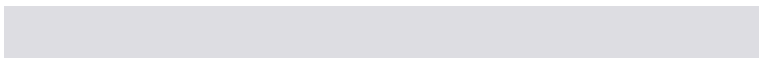
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5270, 0.3197, 0.3323



72.5270, 0.3093, 0.3319



72.5270, 0.3092, 0.3229

Complementary

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



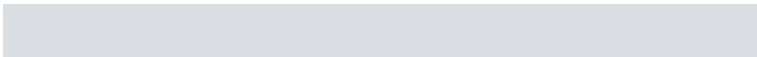
72.5270, 0.3197, 0.3323



73.5379, 0.3060, 0.3257

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.



72.5270, 0.3067, 0.3236



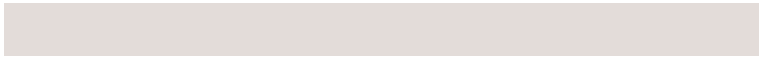
72.5270, 0.3197, 0.3323



72.5270, 0.3068, 0.3287

Square

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



72.5270, 0.3197, 0.3323



72.5270, 0.3128, 0.3342



72.5270, 0.3058, 0.3257



72.5270, 0.3126, 0.3239

Rectangle

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



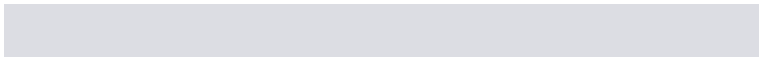
72.5270, 0.3197, 0.3323



72.5270, 0.3173, 0.3351



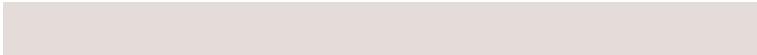
72.5270, 0.3058, 0.3257



72.5270, 0.3082, 0.3230

Sweetspot

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



72.5301, 0.3197, 0.3323



98.7136, 0.3143, 0.3298



71.3144, 0.3152, 0.3215



21.1424, 0.3142, 0.3297



0.0000, 0.0000, 0.0000



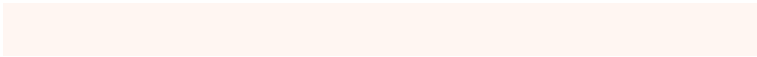
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5301, 0.3197, 0.3323



93.6931, 0.3208, 0.3328



75.1454, 0.3193, 0.3375



15.1139, 0.3218, 0.3333



11.8553, 0.5940, 0.3666



0.9767, 0.5636, 0.3907

Inverse Universe

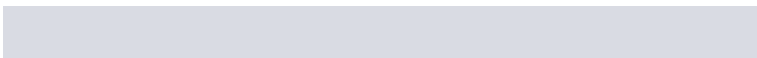
The Inverse Universe completely reimagines the original color for something new.



73.5379, 0.3060, 0.3257



95.1938, 0.3050, 0.3252



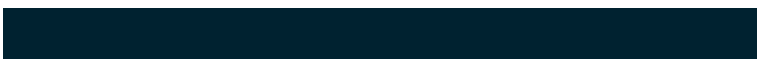
70.9390, 0.3061, 0.3203



15.3874, 0.3040, 0.3247



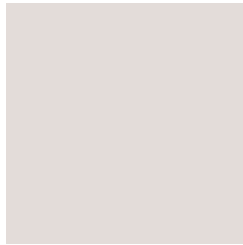
17.0588, 0.1962, 0.2262



1.3386, 0.2011, 0.2439

Previews

White Background



This preview shows how the Yxy color 72.5270, 0.3197, 0.3323 looks on a white background.

Color Contrast Check

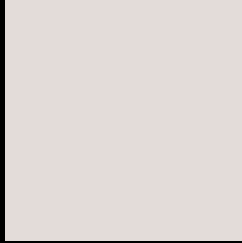
Large Text (above 18pt) WCAG AA × Fail

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 72.5270, 0.3197, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

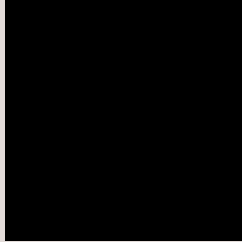
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

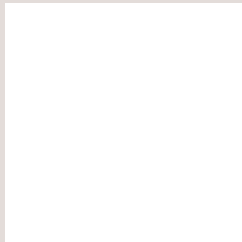
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5270, 0.3197, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 72.5270, 0.3197, 0.3323.

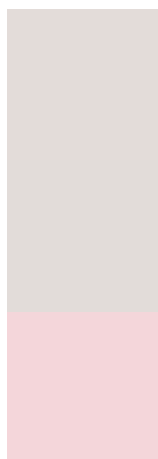


This preview shows how white text looks on a background with the Yxy color 72.5270, 0.3197, 0.3323.

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

72.5270, 0.3197, 0.3323

Protanopia

72.3649, 0.3190, 0.3323

Deuteranopia

72.3882, 0.3322, 0.3249



Tritanopia

72.3892, 0.3107, 0.3111

Trichromacy



Original Color

72.5270, 0.3197, 0.3323

Protanomaly

72.3649, 0.3190, 0.3323

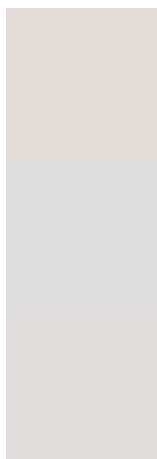
Deuteranomaly

72.3508, 0.3275, 0.3269

Tritanomaly

72.4023, 0.3139, 0.3184

Monochromacy



Original Color

72.5270, 0.3197, 0.3323

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 72.5270, 0.3197, 0.3323 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 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(227, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 217) }
```

Border

The CSS property to change the border of an element to Yxy 72.5270, 0.3197, 0.3323 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, 217) }
```

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

```
.border{ border-color:rgb(227, 220, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 220, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 220, 217); box-shadow:4px 4px 4px 4px rgb(227, 220, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5270, 0.3197, 0.3323 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, 217) }
```

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

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