

Converting Colors

$Y_{xy}(72.2822, 0.3226, 0.3361)$

Have a look what the booklet for
Yxy(72.2822, 0.3226, 0.3361)
contains.

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Color

Yxy(72.3214, 0.3224, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCD5
RGB	227, 220, 213
RGB Percent	89%, 86%, 84%
CMY	0.1100, 0.1372, 0.1647
CMYK	0.00, 0.03, 0.06, 0.11
HSL	30°, 20%, 86%
HSV	30°, 6%, 89%
XYZ	69.2704, 72.3214, 73.2668
YIQ	221.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

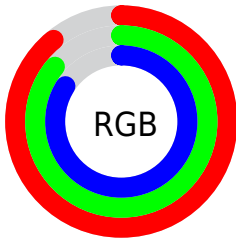
Format	Color
R _Y B	227, 227, 213
Decimal	14933205
CIE Lab	88.12, 1.15, 4.26
CIE LCh	88, 4.417, 74.871
Yxy	72.3214, 0.3224, 0.3366
Android (android.graphics.Color)	4293123285 (0xFFE3DCD5)
YUV	221.2950, -4.0894, 5.0033
Hunter-Lab	85.0420, -3.4274, 8.4489

Details

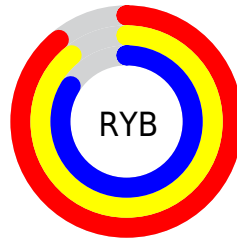
The Yxy color **72.3214, 0.3224, 0.3366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8452, 0.3033, 0.3213**, and the grayscale version is **72.5479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1495, 0.3255, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **65.5280, 0.3400, 0.3496**, and if you desaturate by 10%, it is **79.6819, 0.3070, 0.3244**.

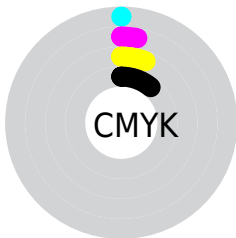
Distribution



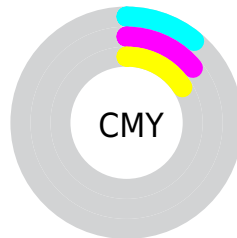
- Red (89%)
- Green (86%)
- Blue (84%)



- Red (89%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (11%)





- Cyan (11%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3214, 0.3224, 0.3366 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 72.3214, 0.3224, 0.3366 by changing the saturation by 10% instead.


 72.3214, 0.3224,
0.3366

 72.3214, 0.3224,
0.3366


468.6595, 0.3179,
0.3331

 53.4213, 0.3234,
0.3374


122.5134, 0.3208,
0.3354

 38.1392, 0.3247,
0.3384


154.5740, 0.3202,
0.3349

 26.0907, 0.3263,
0.3396


191.7902, 0.3197,
0.3345

 16.8915, 0.3285,
0.3413

234.5465, 0.3193,
0.3341

 10.1572, 0.3314,
0.3435

283.2271, 0.3189,
0.3338

 5.5033, 0.3356,
0.3468

338.2166, 0.3185,

 2.5455, 0.3424,

0.3336

0.3519

399.8993, 0.3182,
0.3333

0.8993, 0.3586,
0.3650

0.0000, 0.0000,
0.0000

72.3214, 0.3224,
0.3366

72.3214, 0.3224,
0.3366

65.5280, 0.3400,
0.3496

79.6819, 0.3070,
0.3244

59.2778, 0.3600,
0.3631

87.3929, 0.2956,
0.3164

53.5588, 0.3824,
0.3768

94.3375, 0.2957,
0.3278

48.3549, 0.4072,
0.3899

95.0622, 0.2958,
0.3290

■ 43.6493, 0.4338,
0.4016

■ 39.4236, 0.4614,
0.4108

■ 35.6581, 0.4885,
0.4160

■ 32.3310, 0.5133,
0.4163

■ 29.4170, 0.5343,
0.4110

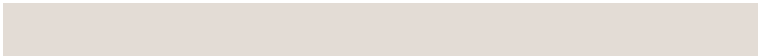
Harmonies

Analogous

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



72.3214, 0.3231, 0.3329



72.3214, 0.3224, 0.3366



72.3214, 0.3191, 0.3383

Triad

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



72.3214, 0.3224, 0.3366



72.3214, 0.3045, 0.3297



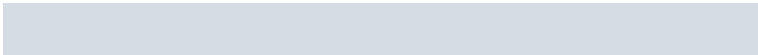
72.3214, 0.3113, 0.3208

Complementary

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



72.3214, 0.3224, 0.3366



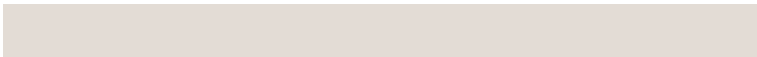
70.8452, 0.3033, 0.3213

Split Complementary

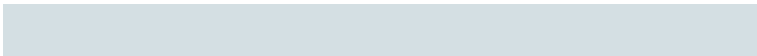
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3214, 0.3064, 0.3199



72.3214, 0.3224, 0.3366



72.3214, 0.3025, 0.3250

Square

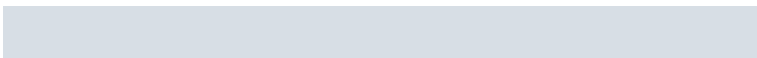
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3214, 0.3224, 0.3366



72.3214, 0.3087, 0.3343



72.3214, 0.3031, 0.3214



72.3214, 0.3167, 0.3239

Rectangle

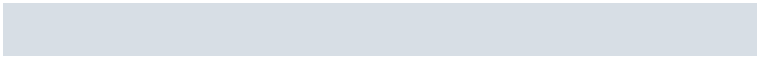
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3214, 0.3224, 0.3366



72.3214, 0.3159, 0.3380



72.3214, 0.3031, 0.3214



72.3214, 0.3095, 0.3202

Sweetspot

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



72.3245, 0.3224, 0.3366



98.0692, 0.3158, 0.3315



69.0835, 0.3182, 0.3215



21.0112, 0.3156, 0.3313



0.0000, 0.0000, 0.0000



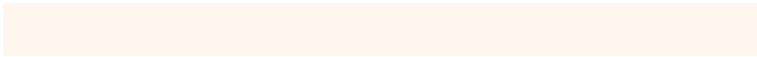
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3245, 0.3224, 0.3366



93.3727, 0.3239, 0.3378



76.0361, 0.3218, 0.3440



15.1117, 0.3247, 0.3384



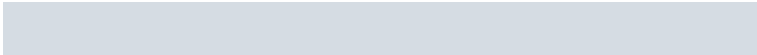
16.2858, 0.5393, 0.4100



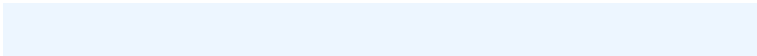
1.3080, 0.5159, 0.4286

Inverse Universe

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



70.8452, 0.3033, 0.3213



91.1752, 0.3019, 0.3201



67.2861, 0.3034, 0.3136



14.7300, 0.3011, 0.3194



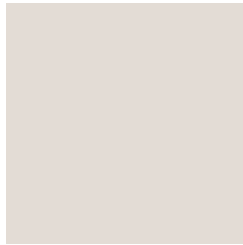
10.0224, 0.1771, 0.1574



0.8737, 0.1848, 0.1854

Previews

White Background



This preview shows how the Yxy color 72.3214, 0.3224, 0.3366 looks on a white background.

Color Contrast Check

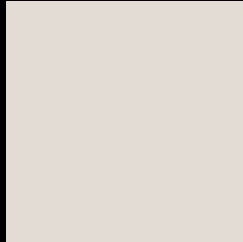
Large Text (above 18pt) WCAG AA × Fail

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 72.3214, 0.3224, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

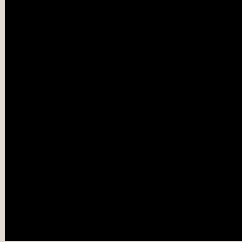
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

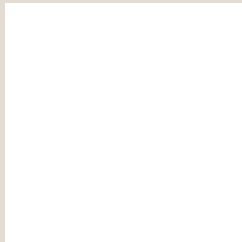
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3214, 0.3224, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 72.3214, 0.3224, 0.3366.

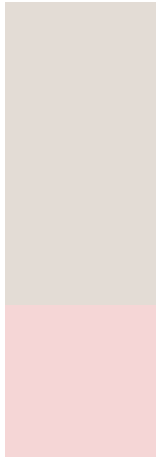


This preview shows how white text looks on a background with the Yxy color 72.3214, 0.3224, 0.3366.

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

72.3214, 0.3224, 0.3366

Protanopia

72.3214, 0.3224, 0.3366

Deuteranopia

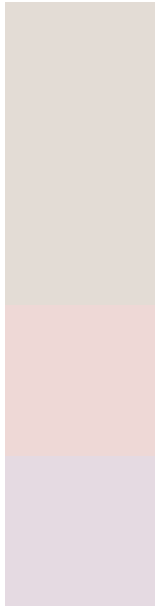
72.3607, 0.3358, 0.3291



Tritanopia

72.3892, 0.3107, 0.3111

Trichromacy



Original Color

72.3214, 0.3224, 0.3366

Protanomaly

72.3214, 0.3224, 0.3366

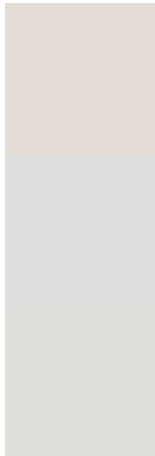
Deuteranomaly

72.1439, 0.3303, 0.3312

Tritanomaly

72.2918, 0.3153, 0.3205

Monochromacy



Original Color

72.3214, 0.3224, 0.3366

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4628, 0.3161, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3214, 0.3224, 0.3366 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 213) }
```

Border

The CSS property to change the border of an element to Yxy 72.3214, 0.3224, 0.3366 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, 213) }
```

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

```
.border{ border-color:rgb(227, 220, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 220, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 220, 213); box-shadow:4px 4px 4px 4px rgb(227, 220, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3214, 0.3224, 0.3366 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, 213) }
```

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

```
.background{ background-color: rgb(227,  
220, 213) }
```

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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