

Converting Colors

$Yxy(72.2634, 0.3108, 0.3211)$

Have a look what the booklet for
Yxy(72.2634, 0.3108, 0.3211)
contains.

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Color

Yxy(72.5797, 0.3109, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	E0DCE3
RGB	224, 220, 227
RGB Percent	88%, 86%, 89%
CMY	0.1218, 0.1372, 0.1098
CMYK	0.01, 0.03, 0.00, 0.11
HSL	274°, 11%, 88%
HSV	274°, 3%, 89%
XYZ	70.1867, 72.5797, 82.9869
YIQ	221.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

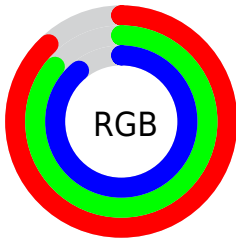
Format	Color
R_{YB}	224, 220, 227
Decimal	14736611
CIE Lab	88.25, 2.59, -2.95
CIE LCh	88, 3.931, 311.299
Yxy	72.5797, 0.3109, 0.3215
Android (android.graphics.Color)	4292926691 (0xFFE0DCE3)
YUV	221.9940, 2.4680, 1.7593
Hunter-Lab	85.1937, -2.0321, 1.8814

Details

The Yxy color **72.5797, 0.3109, 0.3215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8113, 0.3145, 0.3365**, and the grayscale version is **73.0218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3238, 0.3104, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **59.9211, 0.3043, 0.2958**, and if you desaturate by 10%, it is **86.9555, 0.3165, 0.3451**.

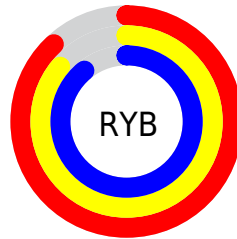
Distribution



Red (88%)

Green (86%)

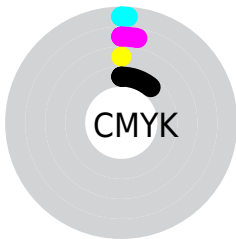
Blue (89%)



Red (88%)

Yellow (86%)

Blue (89%)

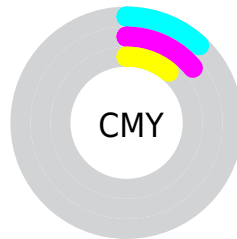


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5797, 0.3109, 0.3215 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 72.5797, 0.3109, 0.3215 by changing the saturation by 10% instead.

■ 72.5797, 0.3109,
0.3215

■ 72.5797, 0.3109,
0.3215

469.5568, 0.3118,
0.3250

■ 53.6324, 0.3107,
0.3207

122.8804, 0.3112,
0.3227

■ 38.3078, 0.3105,
0.3197

155.0025, 0.3113,
0.3232

■ 26.2217, 0.3101,
0.3185

192.2849, 0.3114,
0.3236

■ 16.9896, 0.3097,
0.3169

235.1122, 0.3115,
0.3239

■ 10.2270, 0.3092,
0.3147

283.8686, 0.3116,
0.3242

■ 5.5498, 0.3083,
0.3115

338.9386, 0.3116,

■ 2.5733, 0.3070,

0.3245

0.3066

400.7065, 0.3117,
0.3247

■ 0.9133, 0.3045,
0.2977

■ 0.0000, 0.0000,
0.0000

■ 72.5797, 0.3109,
0.3215

■ 72.5797, 0.3109,
0.3215

■ 59.9211, 0.3043,
0.2958

■ 86.9555, 0.3165,
0.3451

■ 48.9040, 0.2966,
0.2684

■ 96.2703, 0.3220,
0.3568

■ 39.4609, 0.2877,
0.2397

■ 98.0960, 0.3284,
0.3562

■ 31.5156, 0.2777,
0.2106

■ 98.3264, 0.3292,
0.3562

■ 24.9858, 0.2667,
0.1822

■ 19.7808, 0.2551,
0.1558

■ 15.7990, 0.2433,
0.1328

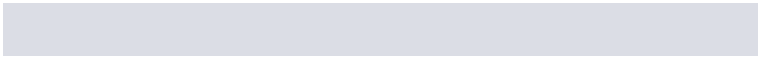
■ 12.9236, 0.2316,
0.1145

■ 11.0134, 0.2207,
0.1015

Harmonies

Analogous

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



72.5797, 0.3066, 0.3209



72.5797, 0.3109, 0.3215



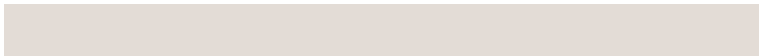
72.5797, 0.3157, 0.3240

Triad

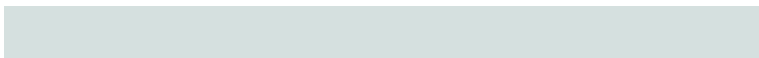
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5797, 0.3109, 0.3215



72.5797, 0.3215, 0.3355



72.5797, 0.3058, 0.3301

Complementary

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



72.5797, 0.3109, 0.3215



75.8113, 0.3145, 0.3365

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.



72.5797, 0.3097, 0.3341



72.5797, 0.3109, 0.3215



72.5797, 0.3188, 0.3372

Square

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



72.5797, 0.3109, 0.3215



72.5797, 0.3219, 0.3320



72.5797, 0.3145, 0.3367



72.5797, 0.3037, 0.3259

Rectangle

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



72.5797, 0.3109, 0.3215



72.5797, 0.3185, 0.3265



72.5797, 0.3145, 0.3367



72.5797, 0.3069, 0.3315

Sweetspot

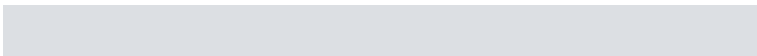
The Sweet Spot groups the original color and five complimentary colors.



72.5828, 0.3109, 0.3215



98.1725, 0.3121, 0.3266



73.6289, 0.3080, 0.3248



21.0322, 0.3122, 0.3267



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.



72.5828, 0.3109, 0.3215



92.8262, 0.3103, 0.3192



73.0568, 0.3133, 0.3219



15.6323, 0.3099, 0.3174



5.9610, 0.2152, 0.0959



0.4953, 0.2300, 0.1041

Inverse Universe

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



72.8617, 0.3157, 0.3257



93.3002, 0.3166, 0.3247



75.3478, 0.3121, 0.3362



15.7272, 0.3173, 0.3240



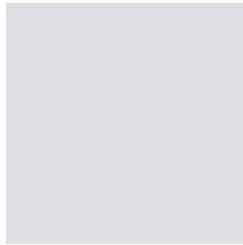
10.0772, 0.5215, 0.2646



0.7631, 0.4850, 0.2445

Previews

White Background



This preview shows how the Yxy color 72.5797, 0.3109, 0.3215 looks on a white background.

Color Contrast Check

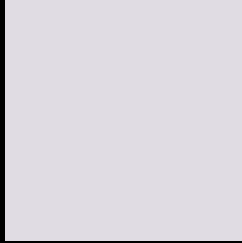
Large Text (above 18pt) WCAG AA × Fail

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 72.5797, 0.3109, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

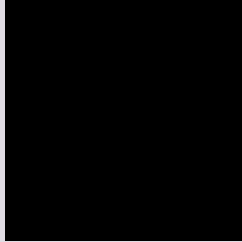
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

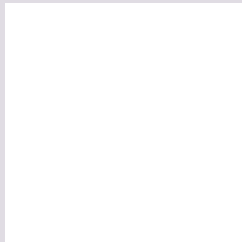
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5797, 0.3109, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 72.5797, 0.3109, 0.3215.

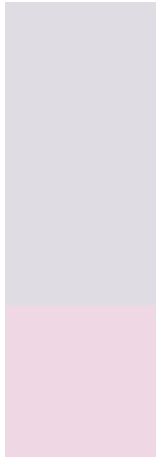


This preview shows how white text looks on a background with the Yxy color 72.5797, 0.3109, 0.3215.

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

72.5797, 0.3109, 0.3215

Protanopia

72.5797, 0.3109, 0.3215

Deuteranopia

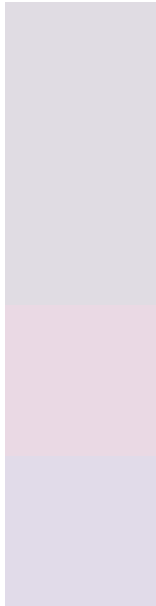
72.7276, 0.3221, 0.3155



Tritanopia

72.7267, 0.3058, 0.3110

Trichromacy



Original Color

72.5797, 0.3109, 0.3215

Protanomaly

72.5797, 0.3109, 0.3215

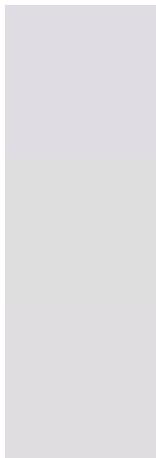
Deuteranomaly

72.7196, 0.3176, 0.3175

Tritanomaly

72.5538, 0.3078, 0.3141

Monochromacy



Original Color

72.5797, 0.3109, 0.3215

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.7827, 0.3122, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5797, 0.3109, 0.3215 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(224, 220, 227)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 227)  
}
```

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(224, 220, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 227) }
```

Border

The CSS property to change the border of an element to Yxy 72.5797, 0.3109, 0.3215 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(224, 220, 227) }
```

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

```
.border{ border-color:rgb(224, 220, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
227) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.5797, 0.3109, 0.3215$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 227) }
```

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

```
.background{ background-color: rgb(224,  
220, 227) }
```

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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