

Converting Colors

$Yxy(72.5714, 0.3167, 0.3315)$

Have a look what the booklet for
Yxy(72.5714, 0.3167, 0.3315)
contains.

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Color

Yxy(72.6222, 0.3168, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	E0DDDA
RGB	224, 221, 218
RGB Percent	88%, 87%, 85%
CMY	0.1218, 0.1332, 0.1452
CMYK	0.00, 0.01, 0.03, 0.12
HSL	31°, 9%, 87%
HSV	31°, 3%, 88%
XYZ	69.2348, 72.6222, 76.6871
YIQ	221.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

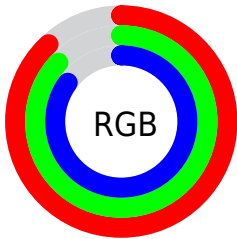
Format	Color
R _Y B	224, 224, 218
Decimal	14736858
CIE Lab	88.27, 0.45, 1.83
CIE LCh	88, 1.882, 76.034
Yxy	72.6222, 0.3168, 0.3323
Android (android.graphics.Color)	4292926938 (0xFFE0DDDA)
YUV	221.5550, -1.7526, 2.1443
Hunter-Lab	85.2187, -4.1127, 6.2988

Details

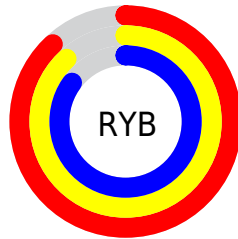
The Yxy color **72.6222, 0.3168, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9377, 0.3087, 0.3257**, and the grayscale version is **72.7233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3518, 0.3181, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **65.9384, 0.3335, 0.3452**, and if you desaturate by 10%, it is **79.8474, 0.3022, 0.3202**.

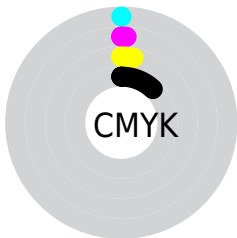
Distribution



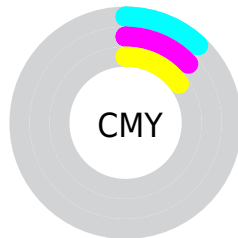
- Red (88%)
- Green (87%)
- Blue (85%)



- Red (88%)
- Yellow (88%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6222, 0.3168, 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 72.6222, 0.3168, 0.3323 by changing the saturation by 10% instead.

■ 72.6222, 0.3168,
0.3323

■ 72.6222, 0.3168,
0.3323

469.7044, 0.3149,
0.3308

■ 53.6671, 0.3172,
0.3326

122.9407, 0.3161,
0.3318

■ 38.3356, 0.3178,
0.3331

155.0729, 0.3159,
0.3316

■ 26.2432, 0.3184,
0.3336

192.3663, 0.3157,
0.3314

■ 17.0057, 0.3193,
0.3343

235.2052, 0.3155,
0.3312

■ 10.2386, 0.3206,
0.3353

283.9741, 0.3153,
0.3311

■ 5.5574, 0.3223,
0.3367

339.0573, 0.3152,

■ 2.5779, 0.3252,

0.3310

400.8393, 0.3150,
0.3309

0.3390

0.9156, 0.3307,
0.3434

0.0000, 0.0000,
0.0000

72.6222, 0.3168,
0.3323

72.6222, 0.3168,
0.3323

65.9384, 0.3335,
0.3452

79.8474, 0.3022,
0.3202

59.7732, 0.3526,
0.3588

87.1066, 0.2937,
0.3167

54.1156, 0.3741,
0.3727

93.8500, 0.2940,
0.3278

48.9508, 0.3978,
0.3863

94.5768, 0.2940,
0.3289

■ 44.2632, 0.4236,
0.3988

■ 40.0361, 0.4506,
0.4092

■ 36.2513, 0.4776,
0.4162

■ 32.8891, 0.5030,
0.4185

■ 29.9269, 0.5252,
0.4153

Harmonies

Analogous

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



72.6222, 0.3171, 0.3308



72.6222, 0.3168, 0.3323



72.6222, 0.3154, 0.3329

Triad

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



72.6222, 0.3168, 0.3323



72.6222, 0.3092, 0.3292



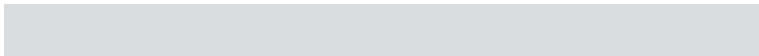
72.6222, 0.3122, 0.3255

Complementary

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



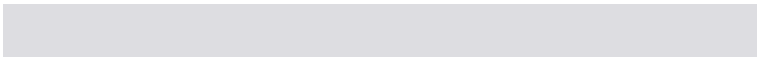
72.6222, 0.3168, 0.3323



71.9377, 0.3087, 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.



72.6222, 0.3101, 0.3251



72.6222, 0.3168, 0.3323



72.6222, 0.3083, 0.3272

Square

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



72.6222, 0.3168, 0.3323



72.6222, 0.3110, 0.3312



72.6222, 0.3087, 0.3257



72.6222, 0.3145, 0.3269

Rectangle

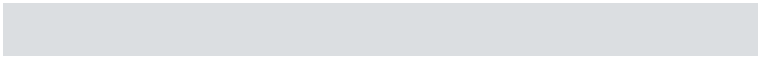
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



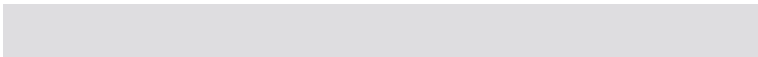
72.6222, 0.3168, 0.3323



72.6222, 0.3140, 0.3328



72.6222, 0.3087, 0.3257



72.6222, 0.3115, 0.3253

Sweetspot

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



72.6253, 0.3168, 0.3323



99.0443, 0.3142, 0.3302



71.1905, 0.3150, 0.3258



21.2097, 0.3142, 0.3302



0.0000, 0.0000, 0.0000



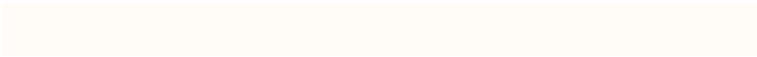
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6253, 0.3168, 0.3323



97.1549, 0.3174, 0.3328



74.1741, 0.3166, 0.3354



15.6878, 0.3186, 0.3337



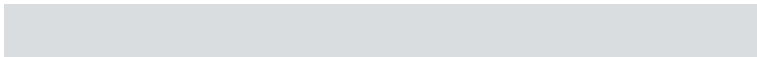
16.5308, 0.5369, 0.4119



1.3250, 0.5139, 0.4301

Inverse Universe

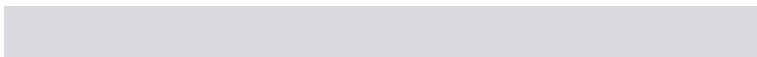
The Inverse Universe completely reimagines the original color for something new.



71.9377, 0.3087, 0.3257



96.1075, 0.3081, 0.3252



70.4168, 0.3088, 0.3225



15.4758, 0.3070, 0.3242



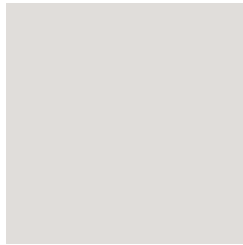
9.7857, 0.1763, 0.1546



0.8572, 0.1842, 0.1829

Previews

White Background



This preview shows how the Yxy color 72.6222, 0.3168, 0.3323 looks on a white background.

Color Contrast Check

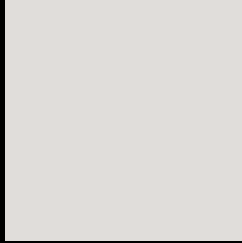
Large Text (above 18pt) WCAG AA × Fail

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 72.6222, 0.3168, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

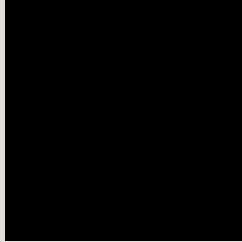
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

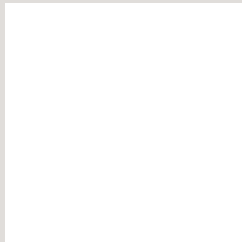
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6222, 0.3168, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 72.6222, 0.3168, 0.3323.

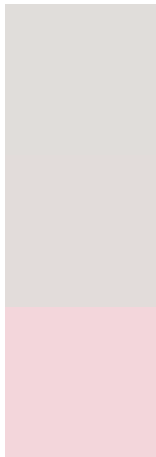


This preview shows how white text looks on a background with the Yxy color 72.6222, 0.3168, 0.3323.

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

72.6222, 0.3168, 0.3323

Protanopia

72.4171, 0.3183, 0.3312

Deuteranopia

72.2623, 0.3307, 0.3239



Tritanopia

72.5298, 0.3072, 0.3100

Trichromacy



Original Color

72.6222, 0.3168, 0.3323

Protanomaly

72.2559, 0.3176, 0.3312

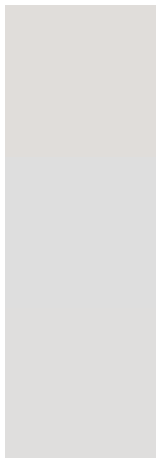
Deuteranomaly

72.5730, 0.3252, 0.3269

Tritanomaly

72.4889, 0.3111, 0.3183

Monochromacy



Original Color

72.6222, 0.3168, 0.3323

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1510, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6222, 0.3168, 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(224, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(224, 221, 218)  
}
```

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, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 221, 218) }
```

Border

The CSS property to change the border of an element to Yxy 72.6222, 0.3168, 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(224, 221, 218) }
```

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

```
.border{ border-color:rgb(224, 221, 218) }
```

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

Here you see how a box with a 4 pixel rgb(224, 221, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 221, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 221, 218);  
box-shadow:4px 4px 4px 4px rgb(224, 221,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6222, 0.3168, 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(224, 221, 218) }
```

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

```
.background{ background-color: rgb(224,  
221, 218) }
```

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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