

Converting Colors

$Y_{xy}(71.7812, 0.3115, 0.3241)$

Have a look what the booklet for
Yxy(71.7812, 0.3115, 0.3241)
contains.

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Color

Yxy(71.5744, 0.3115, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	DEDBE0
RGB	222, 219, 224
RGB Percent	87%, 86%, 88%
CMY	0.1296, 0.1411, 0.1215
CMYK	0.01, 0.02, 0.00, 0.12
HSL	275°, 7%, 87%
HSV	275°, 2%, 88%
XYZ	68.8981, 71.5744, 80.7092
YIQ	220.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

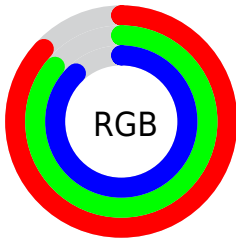
Format	Color
R _Y B	222, 219, 224
Decimal	14605280
CIE Lab	87.76, 1.90, -2.10
CIE LCh	88, 2.829, 312.074
Yxy	71.5744, 0.3115, 0.3236
Android (android.graphics.Color)	4292795360 (0xFFDEDBE0)
YUV	220.4670, 1.7418, 1.3444
Hunter-Lab	84.6017, -2.6856, 2.6590

Details

The Yxy color **71.5744, 0.3115, 0.3236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8163, 0.3139, 0.3344**, and the grayscale version is **71.8980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6310, 0.3112, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **59.2411, 0.3054, 0.2982**, and if you desaturate by 10%, it is **85.5671, 0.3166, 0.3471**.

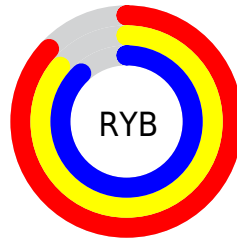
Distribution



Red (87%)

Green (86%)

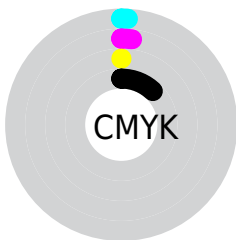
Blue (88%)



Red (87%)

Yellow (86%)

Blue (88%)

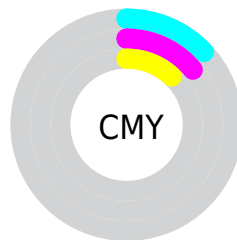


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (14%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5744, 0.3115, 0.3236 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 71.5744, 0.3115, 0.3236 by changing the saturation by 10% instead.

■ 71.5744, 0.3115,
0.3236

■ 71.5744, 0.3115,
0.3236

466.0589, 0.3121,
0.3261

■ 52.8111, 0.3114,
0.3230

121.4512, 0.3117,
0.3245

■ 37.6520, 0.3112,
0.3223

153.3336, 0.3118,
0.3248

■ 25.7127, 0.3110,
0.3214

190.3577, 0.3118,
0.3251

■ 16.6088, 0.3107,
0.3202

232.9080, 0.3119,
0.3254

■ 9.9560, 0.3103,
0.3186

281.3688, 0.3120,
0.3256

■ 5.3698, 0.3098,
0.3163

336.1247, 0.3120,

■ 2.4658, 0.3089,

0.3258

0.3126

397.5599, 0.3120,
0.3260

0.8594, 0.3072,
0.3058

0.0000, 0.0000,
0.0000

71.5744, 0.3115,
0.3236

71.5744, 0.3115,
0.3236

59.2411, 0.3054,
0.2982

85.5671, 0.3166,
0.3471

48.4942, 0.2983,
0.2710

95.5109, 0.3216,
0.3600

39.2692, 0.2900,
0.2426

97.1785, 0.3275,
0.3595

31.4931, 0.2807,
0.2139

98.1622, 0.3309,
0.3591

■ 25.0870, 0.2705,
0.1857

■ 19.9643, 0.2596,
0.1596

■ 16.0280, 0.2483,
0.1367

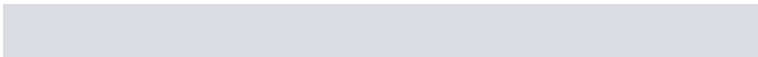
■ 13.1667, 0.2372,
0.1184

■ 11.2470, 0.2267,
0.1052

Harmonies

Analogous

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



71.5744, 0.3084, 0.3232



71.5744, 0.3115, 0.3236



71.5744, 0.3150, 0.3255

Triad

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



71.5744, 0.3115, 0.3236



71.5744, 0.3191, 0.3337



71.5744, 0.3076, 0.3297

Complementary

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



71.5744, 0.3115, 0.3236



73.8163, 0.3139, 0.3344

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.



71.5744, 0.3105, 0.3326



71.5744, 0.3115, 0.3236



71.5744, 0.3171, 0.3349

Square

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



71.5744, 0.3115, 0.3236



71.5744, 0.3193, 0.3313



71.5744, 0.3139, 0.3345



71.5744, 0.3062, 0.3267

Rectangle

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



71.5744, 0.3115, 0.3236



71.5744, 0.3170, 0.3273



71.5744, 0.3139, 0.3345



71.5744, 0.3085, 0.3308

Sweetspot

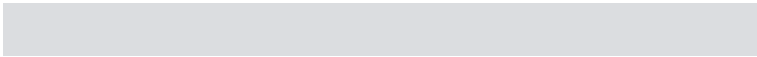
The Sweet Spot groups the original color and five complimentary colors.



71.5775, 0.3115, 0.3236



98.1843, 0.3122, 0.3266



72.2109, 0.3093, 0.3258



21.0346, 0.3122, 0.3267



0.0000, 0.0000, 0.0000



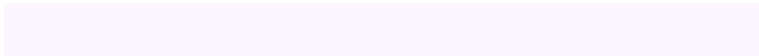
21.4041, 0.3127, 0.3290

Same Dimension

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



71.5775, 0.3115, 0.3236



94.6206, 0.3111, 0.3217



71.8825, 0.3132, 0.3241



15.1759, 0.3106, 0.3198



6.0265, 0.2205, 0.0988



0.4698, 0.2356, 0.1072

Inverse Universe

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



71.7477, 0.3149, 0.3268



94.9302, 0.3157, 0.3260



73.5163, 0.3122, 0.3340



15.2388, 0.3165, 0.3252



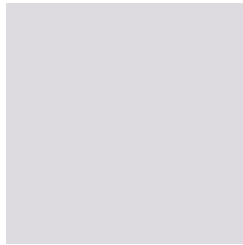
9.7024, 0.5314, 0.2701



0.6900, 0.4914, 0.2481

Previews

White Background



This preview shows how the Yxy color 71.5744, 0.3115, 0.3236 looks on a white background.

Color Contrast Check

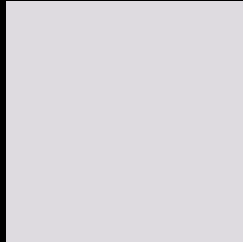
Large Text (above 18pt) WCAG AA × Fail

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 71.5744, 0.3115, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

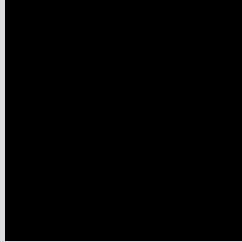
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

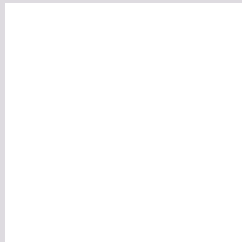
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5744, 0.3115, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 71.5744, 0.3115, 0.3236.

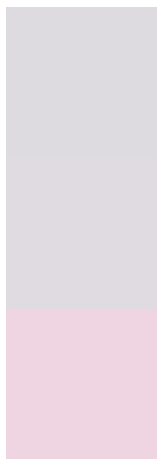


This preview shows how white text looks on a background with the Yxy color 71.5744, 0.3115, 0.3236.

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

71.5744, 0.3115, 0.3236

Protanopia

71.7328, 0.3123, 0.3236

Deuteranopia

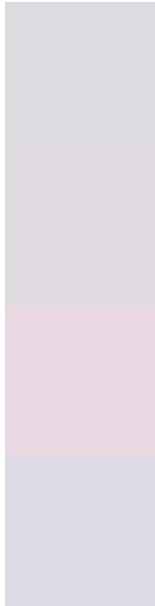
71.3755, 0.3236, 0.3165



Tritanopia

71.4712, 0.3058, 0.3098

Trichromacy



Original Color

71.5744, 0.3115, 0.3236

Protanomaly

71.7328, 0.3123, 0.3236

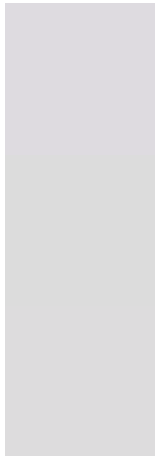
Deuteranomaly

71.3608, 0.3190, 0.3184

Tritanomaly

71.6003, 0.3077, 0.3151

Monochromacy



Original Color

71.5744, 0.3115, 0.3236

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7790, 0.3128, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5744, 0.3115, 0.3236 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(222, 219, 224)` looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 224)  
}
```

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(222, 219, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 224) }
```

Border

The CSS property to change the border of an element to Yxy 71.5744, 0.3115, 0.3236 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(222, 219, 224) }
```

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

```
.border{ border-color:rgb(222, 219, 224) }
```

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

Here you see how a box with a 4 pixel rgb(222, 219, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5744, 0.3115, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 219, 224) }
```

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

```
.background{ background-color: rgb(222,  
219, 224) }
```

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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