

Converting Colors

$Y_{xy}(71.5341, 0.3133, 0.3266)$

Have a look what the booklet for
Yxy(71.5341, 0.3133, 0.3266)
contains.

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Color

Yxy(71.4131, 0.3135, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DEDBDD
RGB	222, 219, 221
RGB Percent	87%, 86%, 87%
CMY	0.1295, 0.1411, 0.1332
CMYK	0.00, 0.01, 0.00, 0.13
HSL	319°, 4%, 86%
HSV	319°, 1%, 87%
XYZ	68.5068, 71.4131, 78.6025
YIQ	220.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

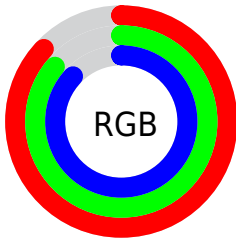
Format	Color
R _Y B	222, 219, 221
Decimal	14605277
CIE Lab	87.69, 1.38, -0.65
CIE LCh	88, 1.524, 334.922
Yxy	71.4131, 0.3135, 0.3268
Android (android.graphics.Color)	4292795357 (0xFFDEDBDD)
YUV	220.1250, 0.4314, 1.6444
Hunter-Lab	84.5063, -3.1813, 4.0065

Details

The Yxy color **71.4131, 0.3135, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4613, 0.3119, 0.3312**, and the grayscale version is **71.6600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5196, 0.3138, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **60.2247, 0.3199, 0.3099**, and if you desaturate by 10%, it is **84.1682, 0.3081, 0.3427**.

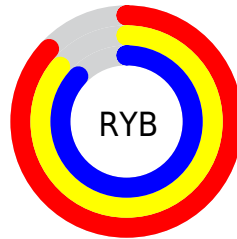
Distribution



Red (87%)

Green (86%)

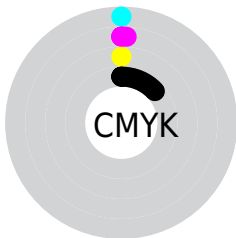
Blue (87%)



Red (87%)

Yellow (86%)

Blue (87%)

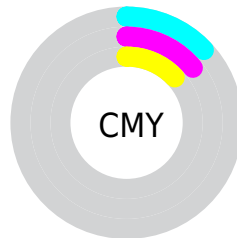


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4131, 0.3135, 0.3268 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 71.4131, 0.3135, 0.3268 by changing the saturation by 10% instead.

■ 71.4131, 0.3135,
0.3268

■ 71.4131, 0.3135,
0.3268

465.4962, 0.3131,
0.3278

■ 52.6794, 0.3136,
0.3266

121.2217, 0.3134,
0.3272

■ 37.5469, 0.3137,
0.3263

153.0655, 0.3133,
0.3273

■ 25.6312, 0.3138,
0.3259

190.0480, 0.3133,
0.3274

■ 16.5479, 0.3140,
0.3254

232.5537, 0.3132,
0.3275

■ 9.9127, 0.3142,
0.3247

280.9670, 0.3132,
0.3276

■ 5.3411, 0.3146,
0.3238

335.6722, 0.3132,

■ 2.4488, 0.3151,

0.3277

397.0538, 0.3132,
0.3278

0.3222

0.8508, 0.3161,
0.3193

0.0000, 0.0000,
0.0000

71.4131, 0.3135,
0.3268

71.4131, 0.3135,
0.3268

60.2247, 0.3199,
0.3099

84.1682, 0.3081,
0.3427

50.5329, 0.3275,
0.2923

93.0585, 0.3037,
0.3493

42.2759, 0.3364,
0.2745

93.4774, 0.2997,
0.3419

35.3840, 0.3466,
0.2570

93.9128, 0.2959,
0.3346

■ 29.7818, 0.3581,
0.2408

■ 94.2674, 0.2929,
0.3289

■ 25.3865, 0.3707,
0.2267

■ 22.1054, 0.3842,
0.2160

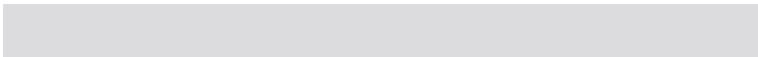
■ 19.8325, 0.3981,
0.2097

■ 18.4410, 0.4119,
0.2083

Harmonies

Analogous

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



71.4131, 0.3116, 0.3260



71.4131, 0.3135, 0.3268



71.4131, 0.3152, 0.3282

Triad

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



71.4131, 0.3135, 0.3268



71.4131, 0.3154, 0.3321



71.4131, 0.3093, 0.3282

Complementary

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



71.4131, 0.3135, 0.3268



72.4613, 0.3119, 0.3312

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.



71.4131, 0.3103, 0.3298



71.4131, 0.3135, 0.3268



71.4131, 0.3138, 0.3321

Square

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



71.4131, 0.3135, 0.3268



71.4131, 0.3163, 0.3313



71.4131, 0.3119, 0.3313



71.4131, 0.3092, 0.3267

Rectangle

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



71.4131, 0.3135, 0.3268



71.4131, 0.3159, 0.3293



71.4131, 0.3119, 0.3313



71.4131, 0.3095, 0.3287

Sweetspot

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



71.4162, 0.3135, 0.3268

100.0000, 0.3127, 0.3290



71.1476, 0.3114, 0.3258



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



71.4162, 0.3135, 0.3268



96.6845, 0.3139, 0.3257



71.3376, 0.3145, 0.3284



15.7586, 0.3138, 0.3259



10.5734, 0.4216, 0.2096



0.7490, 0.4023, 0.1990

Inverse Universe

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



71.4162, 0.3135, 0.3268



96.6845, 0.3139, 0.3257



72.5401, 0.3110, 0.3296



15.7586, 0.3138, 0.3259



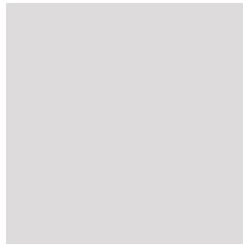
10.5734, 0.4216, 0.2096



0.7490, 0.4023, 0.1990

Previews

White Background



This preview shows how the Yxy color 71.4131, 0.3135, 0.3268 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 71.4131, 0.3135, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

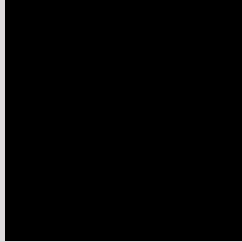
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

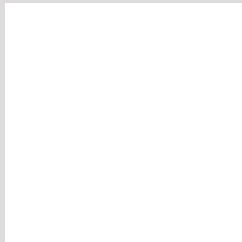
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4131, 0.3135, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 71.4131, 0.3135, 0.3268.

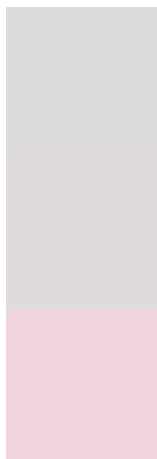


This preview shows how white text looks on a background with the Yxy color 71.4131, 0.3135, 0.3268.

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

71.4131, 0.3135, 0.3268

Protanopia

71.5715, 0.3142, 0.3268

Deuteranopia

71.3877, 0.3265, 0.3196



Tritanopia

71.4135, 0.3065, 0.3109

Trichromacy



Original Color

71.4131, 0.3135, 0.3268

Protanomaly

71.5715, 0.3142, 0.3268

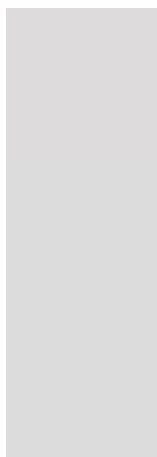
Deuteranomaly

71.1984, 0.3211, 0.3216

Tritanomaly

71.4879, 0.3090, 0.3172

Monochromacy



Original Color

71.4131, 0.3135, 0.3268

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7259, 0.3134, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4131, 0.3135, 0.3268 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 221) }
```

Border

The CSS property to change the border of an element to Yxy 71.4131, 0.3135, 0.3268 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, 221) }
```

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

```
.border{ border-color:rgb(222, 219, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
221) }
```

Background

The CSS property to change the background color of an element to Yxy 71.4131, 0.3135, 0.3268 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, 221) }
```

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

```
.background{ background-color: rgb(222,  
219, 221) }
```

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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