

Converting Colors

Yxy(71.1116, 0.3153, 0.3298)

Have a look what the booklet for
Yxy(71.1116, 0.3153, 0.3298)
contains.

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Color

Yxy(71.2546, 0.3155, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	DEDBDA
RGB	222, 219, 218
RGB Percent	87%, 86%, 85%
CMY	0.1296, 0.1411, 0.1451
CMYK	0.00, 0.01, 0.02, 0.13
HSL	15°, 6%, 86%
HSV	15°, 2%, 87%
XYZ	68.1031, 71.2546, 76.4999
YIQ	219.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

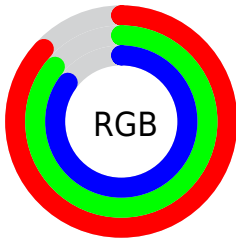
Format	Color
RYB	222, 219, 218
Decimal	14605274
CIELab	87.61, 0.83, 0.84
CIELCh	88, 1.177, 45.252
Yxy	71.2546, 0.3155, 0.3301
Android (android.graphics.Color)	4292795354 (0xFFDEDBDA)
YUV	219.7830, -0.8790, 1.9443
Hunter-Lab	84.4124, -3.7098, 5.3563

Details

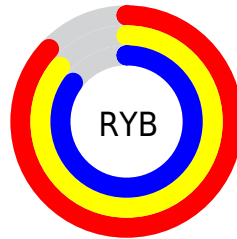
The Yxy color **71.2546, 0.3155, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8703, 0.3100, 0.3279**, and the grayscale version is **71.4151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4108, 0.3164, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **61.9595, 0.3329, 0.3366**, and if you desaturate by 10%, it is **81.5704, 0.3010, 0.3241**.

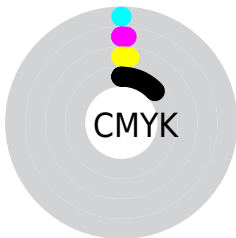
Distribution



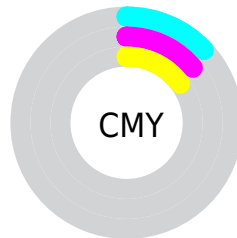
- Red (87%)
- Green (86%)
- Blue (85%)



- Red (87%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2546, 0.3155, 0.3301 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 71.2546, 0.3155, 0.3301 by changing the saturation by 10% instead.

■ 71.2546, 0.3155,
0.3301

■ 71.2546, 0.3155,
0.3301

464.9430, 0.3142,
0.3296

■ 52.5500, 0.3158,
0.3302

120.9962, 0.3151,
0.3299

■ 37.4437, 0.3162,
0.3304

152.8019, 0.3149,
0.3299

■ 25.5512, 0.3166,
0.3305

189.7435, 0.3147,
0.3298

■ 16.4882, 0.3172,
0.3308

232.2054, 0.3146,
0.3298

■ 9.8703, 0.3181,
0.3311

280.5718, 0.3145,
0.3297

■ 5.3130, 0.3193,
0.3316

335.2273, 0.3144,

■ 2.4321, 0.3213,

0.3297

396.5562, 0.3143,
0.3296

0.3323

0.8423, 0.3255,
0.3340

0.0000, 0.0000,
0.0000

71.2546, 0.3155,
0.3301

71.2546, 0.3155,
0.3301

61.9595, 0.3329,
0.3366

81.5704, 0.3010,
0.3241

53.6448, 0.3538,
0.3435

92.4412, 0.2928,
0.3260

46.2808, 0.3786,
0.3505

94.2639, 0.2929,
0.3289

39.8331, 0.4079,
0.3575

■ 34.2651, 0.4416,
0.3637

■ 29.5375, 0.4791,
0.3683

■ 25.6080, 0.5185,
0.3702

■ 22.4306, 0.5563,
0.3683

■ 19.9536, 0.5884,
0.3622

Harmonies

Analogous

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



71.2546, 0.3150, 0.3288



71.2546, 0.3155, 0.3301



71.2546, 0.3153, 0.3311

Triad

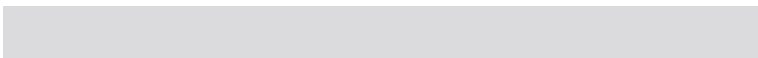
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2546, 0.3155, 0.3301



71.2546, 0.3116, 0.3304



71.2546, 0.3110, 0.3266

Complementary

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



71.2546, 0.3155, 0.3301



71.8703, 0.3100, 0.3279

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.



71.2546, 0.3102, 0.3270



71.2546, 0.3155, 0.3301



71.2546, 0.3105, 0.3292

Square

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



71.2546, 0.3155, 0.3301



71.2546, 0.3131, 0.3312



71.2546, 0.3100, 0.3279



71.2546, 0.3124, 0.3268

Rectangle

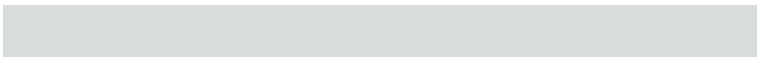
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2546, 0.3155, 0.3301



71.2546, 0.3148, 0.3314



71.2546, 0.3100, 0.3279



71.2546, 0.3107, 0.3266

Sweetspot

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



71.2577, 0.3155, 0.3301



98.6295, 0.3143, 0.3296



70.8914, 0.3136, 0.3258



21.1252, 0.3142, 0.3296



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.



71.2577, 0.3155, 0.3301



97.2732, 0.3159, 0.3303



72.2865, 0.3154, 0.3322



15.8485, 0.3157, 0.3302



11.0809, 0.6062, 0.3569



0.9101, 0.5758, 0.3810

Inverse Universe

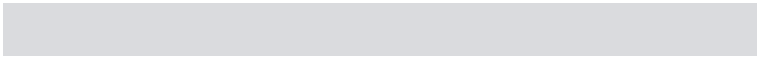
The Inverse Universe completely reimagines the original color for something new.



71.8703, 0.3100, 0.3279



98.2210, 0.3096, 0.3277



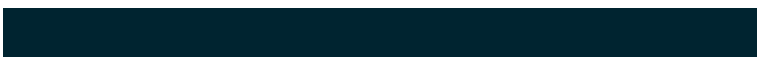
70.8415, 0.3101, 0.3258



15.9932, 0.3098, 0.3278



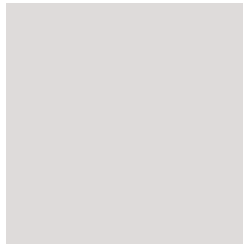
19.4230, 0.2013, 0.2448



1.4869, 0.2054, 0.2593

Previews

White Background



This preview shows how the Yxy color 71.2546, 0.3155, 0.3301 looks on a white background.

Color Contrast Check

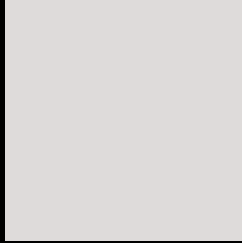
Large Text (above 18pt) WCAG AA × Fail

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 71.2546, 0.3155, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

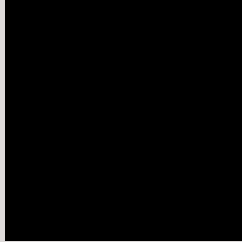
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

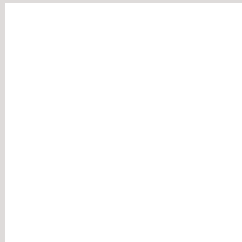
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2546, 0.3155, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 71.2546, 0.3155, 0.3301.

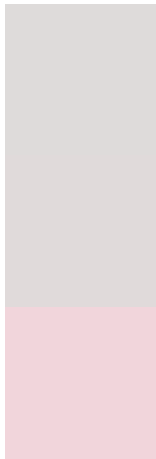


This preview shows how white text looks on a background with the Yxy color 71.2546, 0.3155, 0.3301.

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

71.2546, 0.3155, 0.3301

Protanopia

71.0521, 0.3170, 0.3290

Deuteranopia

71.4037, 0.3293, 0.3228



Tritanopia

71.4135, 0.3065, 0.3109

Trichromacy



Original Color

71.2546, 0.3155, 0.3301

Protanomaly

70.8927, 0.3163, 0.3290

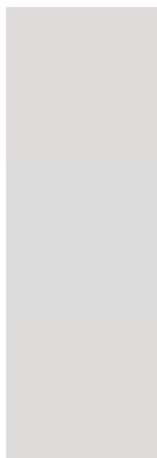
Deuteranomaly

71.2078, 0.3239, 0.3248

Tritanomaly

71.4322, 0.3097, 0.3182

Monochromacy



Original Color

71.2546, 0.3155, 0.3301

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6730, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2546, 0.3155, 0.3301 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 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(222, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 218) }
```

Border

The CSS property to change the border of an element to Yxy 71.2546, 0.3155, 0.3301 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, 218) }
```

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

```
.border{ border-color:rgb(222, 219, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2546, 0.3155, 0.3301 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, 218) }
```

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

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