

Converting Colors

$Y_{xy}(70.0064, 0.3191, 0.3323)$

Have a look what the booklet for
Yxy(70.0064, 0.3191, 0.3323)
contains.

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Color

Yxy(70.1687, 0.3191, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	DFD9D6
RGB	223, 217, 214
RGB Percent	87%, 85%, 84%
CMY	0.1255, 0.1490, 0.1608
CMYK	0.00, 0.03, 0.04, 0.13
HSL	20°, 12%, 86%
HSV	20°, 4%, 87%
XYZ	67.3814, 70.1687, 73.6106
YIQ	218.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

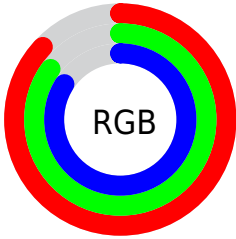
Format	Color
RYB	223, 219, 214
Decimal	14670294
CIELab	87.08, 1.52, 2.19
CIElCh	87, 2.668, 55.200
Yxy	70.1687, 0.3191, 0.3323
Android (android.graphics.Color)	4292860374 (0xFFDFD9D6)
YUV	218.4520, -2.1948, 3.9886
Hunter-Lab	83.7668, -3.0077, 6.5352

Details

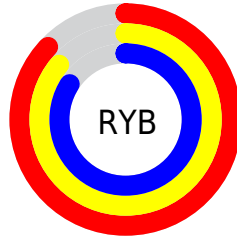
The Yxy color **70.1687, 0.3191, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8075, 0.3065, 0.3257**, and the grayscale version is **70.4540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6687, 0.3211, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **61.7932, 0.3369, 0.3409**, and if you desaturate by 10%, it is **79.3955, 0.3040, 0.3243**.

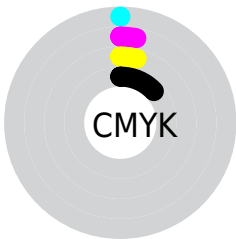
Distribution



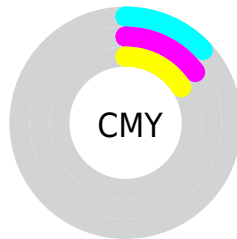
- Red (87%)
- Green (85%)
- Blue (84%)



- Red (87%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1687, 0.3191, 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 70.1687, 0.3191, 0.3323 by changing the saturation by 10% instead.

■ 70.1687, 0.3191,
0.3323

■ 70.1687, 0.3191,
0.3323

461.1421, 0.3161,
0.3308

■ 51.6641, 0.3198,
0.3326

119.4493, 0.3181,
0.3318

■ 36.7374, 0.3206,
0.3331

150.9941, 0.3177,
0.3316

■ 25.0042, 0.3217,
0.3336

187.6543, 0.3173,
0.3314

■ 16.0802, 0.3232,
0.3344

229.8145, 0.3170,
0.3312

■ 9.5809, 0.3251,
0.3353

277.8590, 0.3168,
0.3311

■ 5.1220, 0.3280,
0.3368

332.1722, 0.3165,

■ 2.3190, 0.3327,

0.3310

393.1384, 0.3163,
0.3309

0.3391

0.7837, 0.3451,
0.3459

0.0000, 0.0000,
0.0000

70.1687, 0.3191,
0.3323

70.1687, 0.3191,
0.3323

61.7932, 0.3369,
0.3409

79.3955, 0.3040,
0.3243

54.2354, 0.3579,
0.3500

89.2536, 0.2933,
0.3205

47.4728, 0.3824,
0.3592

94.4279, 0.2935,
0.3289

41.4786, 0.4108,
0.3682

■ 36.2240, 0.4427,
0.3761

■ 31.6788, 0.4774,
0.3820

■ 27.8100, 0.5131,
0.3846

■ 24.5819, 0.5468,
0.3827

■ 21.9544, 0.5754,
0.3757

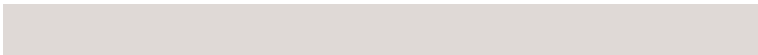
Harmonies

Analogous

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



70.1687, 0.3184, 0.3296



70.1687, 0.3191, 0.3323



70.1687, 0.3181, 0.3342

Triad

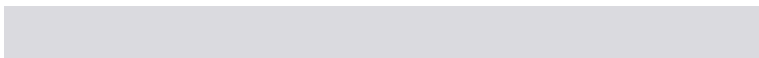
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.1687, 0.3191, 0.3323



70.1687, 0.3093, 0.3313



70.1687, 0.3098, 0.3235

Complementary

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



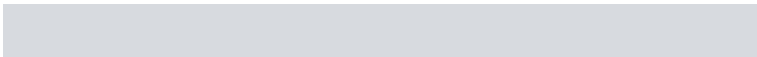
70.1687, 0.3191, 0.3323



70.8075, 0.3065, 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.



70.1687, 0.3074, 0.3239



70.1687, 0.3191, 0.3323



70.1687, 0.3071, 0.3284

Square

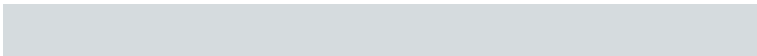
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1687, 0.3191, 0.3323



70.1687, 0.3124, 0.3336



70.1687, 0.3064, 0.3257



70.1687, 0.3130, 0.3245

Rectangle

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



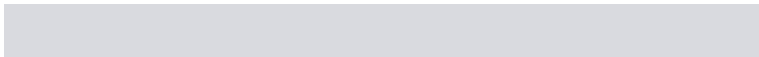
70.1687, 0.3191, 0.3323



70.1687, 0.3166, 0.3347



70.1687, 0.3064, 0.3257



70.1687, 0.3089, 0.3234

Sweetspot

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



70.1717, 0.3191, 0.3323



98.7579, 0.3143, 0.3298



68.9489, 0.3152, 0.3225



21.1514, 0.3142, 0.3298



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.



70.1717, 0.3191, 0.3323



93.9066, 0.3208, 0.3331



72.5201, 0.3188, 0.3372



15.1528, 0.3218, 0.3337



12.3271, 0.5870, 0.3721



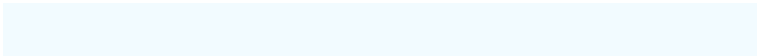
1.0153, 0.5570, 0.3959

Inverse Universe

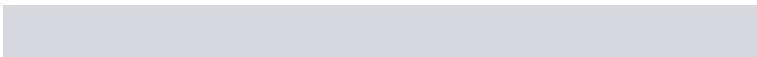
The Inverse Universe completely reimagines the original color for something new.



70.8075, 0.3065, 0.3257



94.9750, 0.3050, 0.3248



68.4804, 0.3066, 0.3207



15.3475, 0.3040, 0.3243



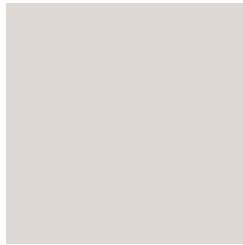
15.9005, 0.1934, 0.2164



1.2648, 0.1988, 0.2358

Previews

White Background



This preview shows how the Yxy color 70.1687, 0.3191, 0.3323 looks on a white background.

Color Contrast Check

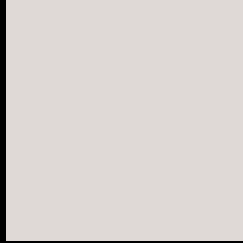
Large Text (above 18pt) WCAG AA × Fail

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 70.1687, 0.3191, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

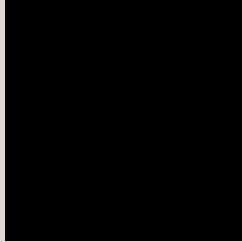
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

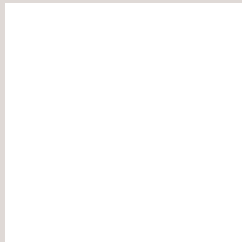
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1687, 0.3191, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 70.1687, 0.3191, 0.3323.

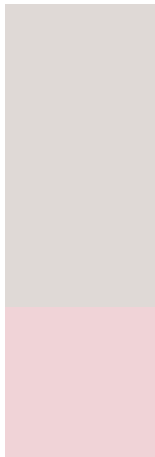


This preview shows how white text looks on a background with the Yxy color 70.1687, 0.3191, 0.3323.

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

70.1687, 0.3191, 0.3323

Protanopia

70.1687, 0.3191, 0.3323

Deuteranopia

70.0201, 0.3317, 0.3248



Tritanopia

70.0314, 0.3100, 0.3108

Trichromacy



Original Color

70.1687, 0.3191, 0.3323

Protanomaly

70.1687, 0.3191, 0.3323

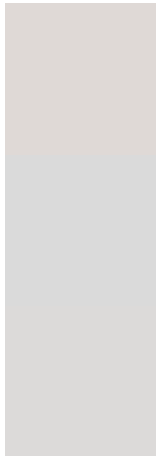
Deuteranomaly

69.9872, 0.3269, 0.3269

Tritanomaly

70.0447, 0.3132, 0.3182

Monochromacy



Original Color

70.1687, 0.3191, 0.3323

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.3682, 0.3148, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1687, 0.3191, 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(223, 217, 214)` looks like.

```
.text, #text, p{  
    color:rgb(223, 217, 214)  
}
```

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(223, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 217, 214) }
```

Border

The CSS property to change the border of an element to Yxy 70.1687, 0.3191, 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(223, 217, 214) }
```

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

```
.border{ border-color:rgb(223, 217, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(223, 217,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1687, 0.3191, 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(223, 217, 214) }
```

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

```
.background{ background-color: rgb(223,  
217, 214) }
```

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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