

Converting Colors

$Yxy(72.6914, 0.3216, 0.3479)$

Have a look what the booklet for
Yxy(72.6914, 0.3216, 0.3479)
contains.

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Color

Yxy(72.4472, 0.3218, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	DCDFCE
RGB	220, 223, 206
RGB Percent	86%, 87%, 81%
CMY	0.1372, 0.1255, 0.1920
CMYK	0.01, 0.00, 0.08, 0.13
HSL	71°, 21%, 84%
HSV	71°, 8%, 87%
XYZ	67.0506, 72.4472, 68.8634
YIQ	220.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

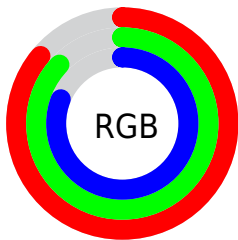
Format	Color
R _Y B	206, 223, 209
Decimal	14475214
CIE Lab	88.18, -3.97, 7.95
CIE LCh	88, 8.886, 116.506
Yxy	72.4472, 0.3218, 0.3477
Android (android.graphics.Color)	4292665294 (0xFFDCDFCE)
YUV	220.1650, -6.9833, -0.1447
Hunter-Lab	85.1159, -8.3383, 11.6123

Details

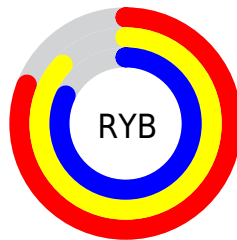
The Yxy color **72.4472, 0.3218, 0.3477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0442, 0.3032, 0.3098**, and the grayscale version is **71.7440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2716, 0.3237, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **70.8381, 0.3339, 0.3734**, and if you desaturate by 10%, it is **74.2307, 0.3099, 0.3233**.

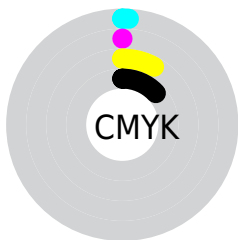
Distribution



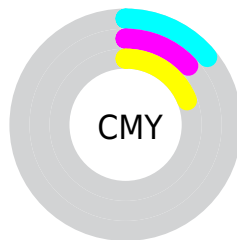
- Red (86%)
- Green (87%)
- Blue (81%)



- Red (81%)
- Yellow (87%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4472, 0.3218, 0.3477 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 72.4472, 0.3218, 0.3477 by changing the saturation by 10% instead.

■ 72.4472, 0.3218,
0.3477

■ 72.4472, 0.3218,
0.3477

469.0967, 0.3176,
0.3390

■ 53.5241, 0.3227,
0.3497

122.6921, 0.3204,
0.3447

■ 38.2213, 0.3239,
0.3522

154.7827, 0.3198,
0.3435

■ 26.1545, 0.3254,
0.3554

192.0312, 0.3193,
0.3425

■ 16.9393, 0.3273,
0.3596

234.8221, 0.3189,
0.3416

■ 10.1912, 0.3299,
0.3654

283.5396, 0.3185,
0.3408

■ 5.5259, 0.3336,
0.3739

338.5683, 0.3182,

■ 2.5590, 0.3394,

0.3401

400.2925, 0.3179,
0.3395

0.3875

0.9061, 0.3638,
0.4313

0.0000, 0.0000,
0.0000

72.4472, 0.3218,
0.3477

72.4472, 0.3218,
0.3477

70.8381, 0.3339,
0.3734

74.2307, 0.3099,
0.3233

69.3874, 0.3460,
0.3997


76.1852, 0.2985,
0.3005


68.0913, 0.3575,
0.4260


77.1104, 0.2984,
0.2964


66.9422, 0.3680,
0.4512


77.7721, 0.3011,
0.2967

 65.9319, 0.3768,
0.4744


 78.4485, 0.3037,
0.2969

 65.0513, 0.3835,
0.4944

 79.1397, 0.3063,
0.2972

 64.2899, 0.3878,
0.5103

 79.8457, 0.3090,
0.2974

 63.6358, 0.3894,
0.5216

 80.5667, 0.3117,
0.2977

 63.0725, 0.3886,
0.5286

 81.2538, 0.3142,
0.2980

Harmonies

Analogous

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



72.4472, 0.3302, 0.3461



72.4472, 0.3218, 0.3477



72.4472, 0.3111, 0.3441

Triad

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



72.4472, 0.3218, 0.3477



72.4472, 0.2921, 0.3176



72.4472, 0.3244, 0.3219

Complementary

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



72.4472, 0.3218, 0.3477



63.0442, 0.3032, 0.3098

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.



72.4472, 0.3141, 0.3146



72.4472, 0.3218, 0.3477



72.4472, 0.2955, 0.3120

Square

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



72.4472, 0.3218, 0.3477



72.4472, 0.2941, 0.3264



72.4472, 0.3035, 0.3110



72.4472, 0.3317, 0.3311

Rectangle

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



72.4472, 0.3218, 0.3477



72.4472, 0.3041, 0.3392



72.4472, 0.3035, 0.3110



72.4472, 0.3212, 0.3191

Sweetspot

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



72.4503, 0.3218, 0.3477



99.5064, 0.3151, 0.3339



65.6786, 0.3254, 0.3322



21.3037, 0.3150, 0.3336



0.0000, 0.0000, 0.0000



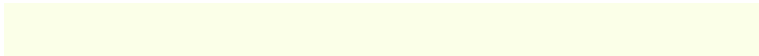
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4503, 0.3218, 0.3477



97.8528, 0.3236, 0.3514



71.1826, 0.3158, 0.3480



15.9015, 0.3240, 0.3523



37.0559, 0.3887, 0.5295



2.6009, 0.3937, 0.5256

Inverse Universe

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



63.0442, 0.3032, 0.3098



82.8079, 0.3013, 0.3060



64.2913, 0.3094, 0.3102



13.3584, 0.3008, 0.3049



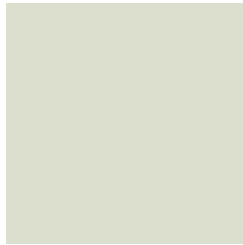
3.4223, 0.1581, 0.0645



0.2720, 0.1716, 0.0719

Previews

White Background



This preview shows how the Yxy color 72.4472, 0.3218, 0.3477 looks on a white background.

Color Contrast Check

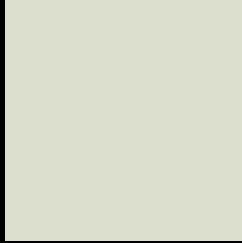
Large Text (above 18pt) WCAG AA × Fail

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 72.4472, 0.3218, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

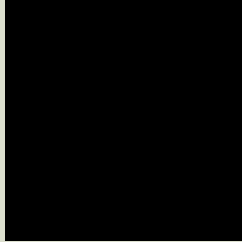
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

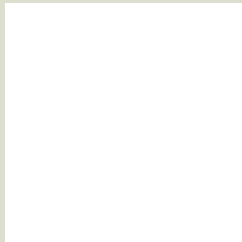
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4472, 0.3218, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 72.4472, 0.3218, 0.3477.



This preview shows how white text looks on a background with the Yxy color 72.4472, 0.3218, 0.3477.

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

72.4472, 0.3218, 0.3477

Protanopia

72.2522, 0.3294, 0.3453

Deuteranopia

71.9167, 0.3418, 0.3343



Tritanopia

72.5665, 0.3051, 0.3109

Trichromacy



Original Color

72.4472, 0.3218, 0.3477

Protanomaly

72.2894, 0.3271, 0.3465

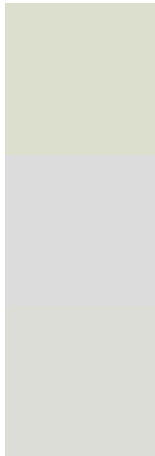
Deuteranomaly

72.1352, 0.3344, 0.3397

Tritanomaly

72.3106, 0.3115, 0.3236

Monochromacy



Original Color

72.4472, 0.3218, 0.3477

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.8348, 0.3160, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4472, 0.3218, 0.3477 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(220, 223, 206)` looks like.

```
.text, #text, p{  
    color:rgb(220, 223, 206)  
}
```

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(220, 223, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 223, 206) }
```

Border

The CSS property to change the border of an element to Yxy 72.4472, 0.3218, 0.3477 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(220, 223, 206) }
```

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

```
.border{ border-color:rgb(220, 223, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 223, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 223, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 223, 206);  
box-shadow:4px 4px 4px 4px rgb(220, 223,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4472, 0.3218, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 223, 206) }
```

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

```
.background{ background-color: rgb(220,  
223, 206) }
```

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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