

Converting Colors

Yxy(72.4426, 0.3173, 0.3654)

Have a look what the booklet for
Yxy(72.4426, 0.3173, 0.3654)
contains.

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Color

Yxy(72.4515, 0.3172, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	CDE4C4
RGB	205, 228, 196
RGB Percent	80%, 89%, 77%
CMY	0.1962, 0.1058, 0.2314
CMYK	0.10, 0.00, 0.14, 0.11
HSL	103°, 37%, 83%
HSV	103°, 14%, 89%
XYZ	62.8772, 72.4515, 62.8970
YIQ	217.4750, -3.4360, -14.8280

Conversions

Conversions Part 2

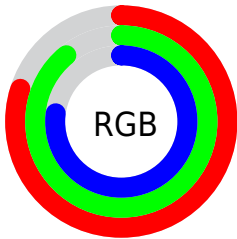
Format	Color
RYB	196, 228, 219
Decimal	13493444
CIELab	88.19, -13.41, 13.06
CIElCh	88, 18.720, 135.745
Yxy	72.4515, 0.3172, 0.3655
Android (android.graphics.Color)	4291683524 (0xFFCDE4C4)
YUV	217.4750, -10.5872, -10.9406
Hunter-Lab	85.1184, -17.0989, 15.7714

Details

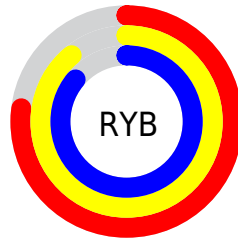
The Yxy color **72.4515, 0.3172, 0.3655** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.1526, 0.3075, 0.2937**, and the grayscale version is **69.8051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **38.4194, 0.3186, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **69.2807, 0.3201, 0.3947**, and if you desaturate by 10%, it is **76.0313, 0.3140, 0.3389**.

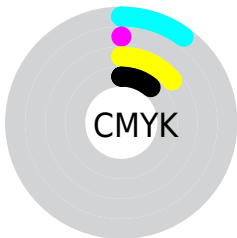
Distribution



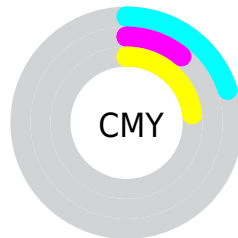
- Red (80%)
- Green (89%)
- Blue (77%)



- Red (77%)
- Yellow (89%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)





- Cyan (20%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4515, 0.3172, 0.3655 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 72.4515, 0.3172, 0.3655 by changing the saturation by 10% instead.


 72.4515, 0.3172,
0.3655

 72.4515, 0.3172,
0.3655


469.1116, 0.3153,
0.3482

 53.5276, 0.3176,
0.3696


122.6982, 0.3166,
0.3594

 38.2241, 0.3180,
0.3746


154.7898, 0.3163,
0.3571

 26.1567, 0.3185,
0.3811


192.0394, 0.3161,
0.3551

 16.9409, 0.3191,
0.3897

234.8315, 0.3159,
0.3533

 10.1924, 0.3198,
0.4018

283.5503, 0.3157,
0.3518

 5.5267, 0.3204,
0.4197

338.5803, 0.3156,

 2.5595, 0.3205,

0.3505

0.4490

400.3060, 0.3154,
0.3493

0.9063, 0.3528,
0.5988

0.0000, 0.0000,
0.0000

72.4515, 0.3172,
0.3655

72.4515, 0.3172,
0.3655

69.2807, 0.3201,
0.3947

76.0313, 0.3140,
0.3389

66.4949, 0.3225,
0.4262

80.0247, 0.3108,
0.3152

64.0818, 0.3242,
0.4590

83.8269, 0.3134,
0.3028

62.0247, 0.3249,
0.4917

83.9745, 0.3139,
0.3029

■ 60.3055, 0.3243,
0.5227

■ 58.9047, 0.3223,
0.5497

■ 57.8000, 0.3189,
0.5709

■ 56.9661, 0.3145,
0.5851

■ 56.5790, 0.3117,
0.5907

Harmonies

Analogous

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



72.4515, 0.3388, 0.3688



72.4515, 0.3172, 0.3655



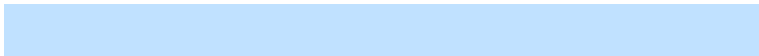
72.4515, 0.2950, 0.3512

Triad

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



72.4515, 0.3172, 0.3655



72.4515, 0.2731, 0.2963



72.4515, 0.3485, 0.3259

Complementary

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



72.4515, 0.3172, 0.3655



60.1526, 0.3075, 0.2937

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.



72.4515, 0.3298, 0.3081



72.4515, 0.3172, 0.3655



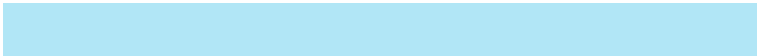
72.4515, 0.2863, 0.2912

Square

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



72.4515, 0.3172, 0.3655



72.4515, 0.2701, 0.3104



72.4515, 0.3069, 0.2957



72.4515, 0.3574, 0.3450

Rectangle

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



72.4515, 0.3172, 0.3655



72.4515, 0.2828, 0.3378



72.4515, 0.3069, 0.2957



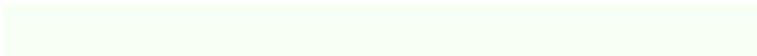
72.4515, 0.3432, 0.3196

Sweetspot

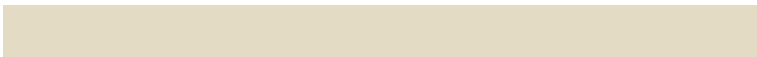
The Sweet Spot groups the original color and five complimentary colors.



72.4546, 0.3172, 0.3655



97.9939, 0.3140, 0.3389



71.1163, 0.3351, 0.3542



20.8961, 0.3143, 0.3408



0.0000, 0.0000, 0.0000



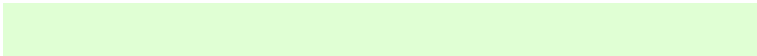
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4546, 0.3172, 0.3655



92.0690, 0.3181, 0.3742



71.5399, 0.3066, 0.3579



16.2835, 0.3158, 0.3530



32.7175, 0.3126, 0.5900



2.4633, 0.3233, 0.5815

Inverse Universe

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



60.1526, 0.3075, 0.2937



73.1626, 0.3061, 0.2856



61.2031, 0.3194, 0.3017



14.4018, 0.3093, 0.3055



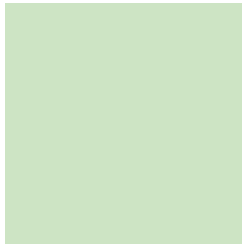
7.8647, 0.2512, 0.1158



0.6272, 0.2618, 0.1216

Previews

White Background



This preview shows how the Yxy color 72.4515, 0.3172, 0.3655 looks on a white background.

Color Contrast Check

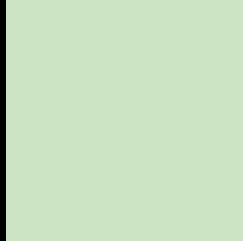
Large Text (above 18pt) WCAG AA × Fail

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 72.4515, 0.3172, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

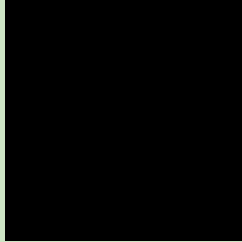
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

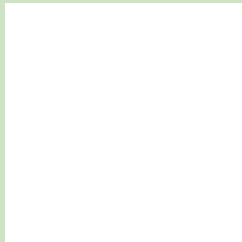
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4515, 0.3172, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 72.4515, 0.3172, 0.3655.

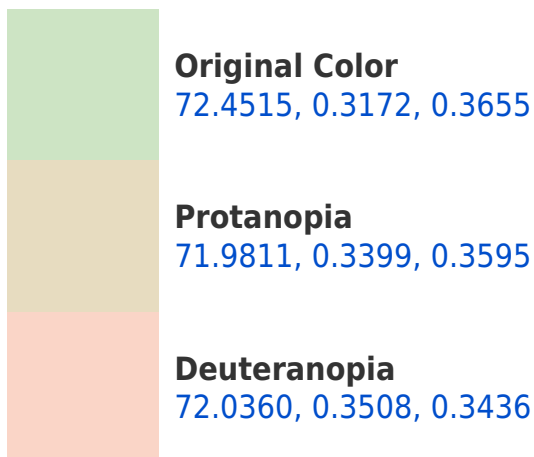


This preview shows how white text looks on a background with the Yxy color 72.4515, 0.3172, 0.3655.

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

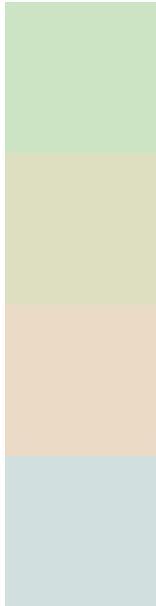




Tritanopia

72.4716, 0.2951, 0.3106

Trichromacy



Original Color

72.4515, 0.3172, 0.3655

Protanomaly

72.1552, 0.3320, 0.3622

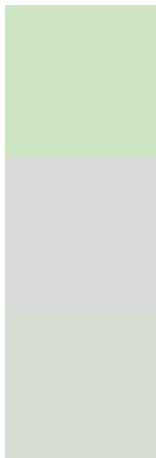
Deuteranomaly

71.7124, 0.3383, 0.3506

Tritanomaly

72.1943, 0.3030, 0.3301

Monochromacy



Original Color

72.4515, 0.3172, 0.3655

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.4625, 0.3149, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4515, 0.3172, 0.3655 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(205, 228, 196)` looks like.

```
.text, #text, p{  
    color:rgb(205, 228, 196)  
}
```

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(205, 228, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 228, 196) }
```

Border

The CSS property to change the border of an element to Yxy 72.4515, 0.3172, 0.3655 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(205, 228, 196) }
```

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

```
.border{ border-color:rgb(205, 228, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 228, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 228, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 228, 196); box-shadow:4px 4px 4px 4px rgb(205, 228, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4515, 0.3172, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 228, 196) }
```

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

```
.background{ background-color: rgb(205,  
228, 196) }
```

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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