

Converting Colors

$Yxy(70.5340, 0.3260, 0.3653)$

Have a look what the booklet for
Yxy(70.5340, 0.3260, 0.3653)
contains.

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Color

Yxy(70.5340, 0.3260, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	D4DFBF
RGB	212, 223, 191
RGB Percent	83%, 87%, 75%
CMY	0.1686, 0.1255, 0.2508
CMYK	0.05, 0.00, 0.14, 0.13
HSL	81°, 33%, 81%
HSV	81°, 14%, 87%
XYZ	62.9458, 70.5340, 59.6054
YIQ	216.0630, 3.7160, -12.2840

Conversions

Conversions Part 2

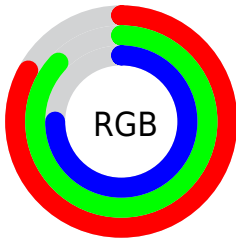
Format	Color
RYB	191, 223, 202
Decimal	13950911
CIELab	87.26, -9.25, 14.42
CIElCh	87, 17.136, 122.681
Yxy	70.5340, 0.3260, 0.3653
Android (android.graphics.Color)	4292140991 (0xFFD4DFBF)
YUV	216.0630, -12.3561, -3.5633
Hunter-Lab	83.9845, -13.1885, 16.7099

Details

The Yxy color **70.5340, 0.3260, 0.3653** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.1657, 0.2980, 0.2919**, and the grayscale version is **68.8015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **37.0083, 0.3283, 0.3739** is the 20% darker color. If you saturate the color by 10%, you get **68.5149, 0.3352, 0.3925**, and if you desaturate by 10%, it is **72.7630, 0.3167, 0.3396**.

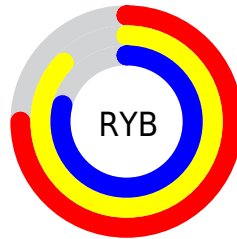
Distribution



Red (83%)

Green (87%)

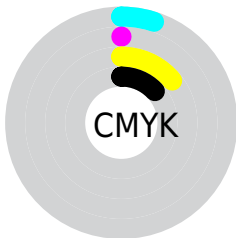
Blue (75%)



Red (75%)

Yellow (87%)

Blue (79%)

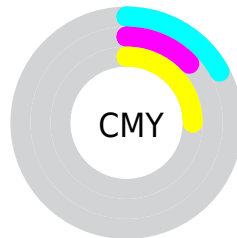


Cyan (5%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (17%)


Magenta (13%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.5340, 0.3260, 0.3653 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 70.5340, 0.3260, 0.3653 by changing the saturation by 10% instead.

 70.5340, 0.3260,
0.3653

 70.5340, 0.3260,
0.3653


462.4228, 0.3200,
0.3481

 51.9620, 0.3273,
0.3693


 119.9700, 0.3239,
0.3593

 36.9748, 0.3290,
0.3743


151.6027, 0.3231,
0.3569

 25.1880, 0.3310,
0.3808


188.3578, 0.3224,
0.3549

 16.2172, 0.3337,
0.3893

230.6197, 0.3218,
0.3532

 9.6779, 0.3371,
0.4012

278.7727, 0.3213,
0.3517

 5.1860, 0.3418,
0.4189

333.2013, 0.3208,

 2.3568, 0.3482,

0.3504

0.4475

394.2899, 0.3204,
0.3492

0.8035, 0.4010,
0.5990

0.0000, 0.0000,
0.0000

70.5340, 0.3260,
0.3653

70.5340, 0.3260,
0.3653

68.5149, 0.3352,
0.3925

72.7630, 0.3167,
0.3396

66.6890, 0.3439,
0.4205

75.1996, 0.3076,
0.3157

65.0513, 0.3517,
0.4485

77.6632, 0.3006,
0.2966

63.5932, 0.3581,
0.4754

78.9981, 0.3058,
0.2971

■ 62.3051, 0.3626,
0.4999

■ 80.3900, 0.3110,
0.2976

■ 61.1765, 0.3647,
0.5208

■ 81.2569, 0.3142,
0.2980

■ 60.1951, 0.3644,
0.5370

■ 59.3464, 0.3616,
0.5482

■ 58.9114, 0.3593,
0.5529

Harmonies

Analogous

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



70.5340, 0.3438, 0.3637



70.5340, 0.3260, 0.3653



70.5340, 0.3050, 0.3562

Triad

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



70.5340, 0.3260, 0.3653



70.5340, 0.2735, 0.3036



70.5340, 0.3391, 0.3186

Complementary

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



70.5340, 0.3260, 0.3653



55.1657, 0.2980, 0.2919

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.



70.5340, 0.3195, 0.3039



70.5340, 0.3260, 0.3653



70.5340, 0.2819, 0.2950

Square

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



70.5340, 0.3260, 0.3653



70.5340, 0.2752, 0.3196



70.5340, 0.2985, 0.2953



70.5340, 0.3517, 0.3363

Rectangle

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



70.5340, 0.3260, 0.3653



70.5340, 0.2921, 0.3454



70.5340, 0.2985, 0.2953



70.5340, 0.3331, 0.3132

Sweetspot

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



70.5371, 0.3260, 0.3653



98.7007, 0.3164, 0.3388



61.5472, 0.3375, 0.3411



21.0748, 0.3171, 0.3407



0.0000, 0.0000, 0.0000



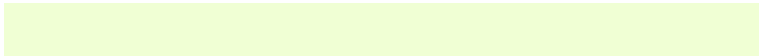
21.4041, 0.3127, 0.3290

Same Dimension

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



70.5371, 0.3260, 0.3653



94.7953, 0.3286, 0.3728



68.3243, 0.3147, 0.3666



15.7811, 0.3215, 0.3525



34.7029, 0.3602, 0.5522



2.4544, 0.3694, 0.5449

Inverse Universe

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



55.1657, 0.2980, 0.2919



70.3930, 0.2948, 0.2841



57.4594, 0.3102, 0.2933



13.4715, 0.3034, 0.3051



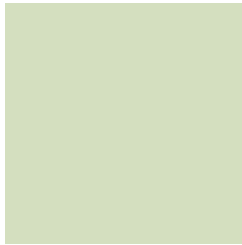
4.1106, 0.1763, 0.0745



0.3333, 0.1935, 0.0839

Previews

White Background



This preview shows how the Yxy color 70.5340, 0.3260, 0.3653 looks on a white background.

Color Contrast Check

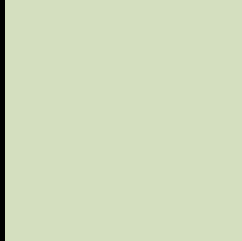
Large Text (above 18pt) WCAG AA × Fail

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 70.5340, 0.3260, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

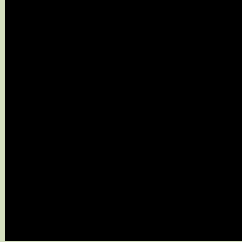
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

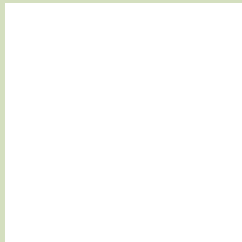
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5340, 0.3260, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 70.5340, 0.3260, 0.3653.



This preview shows how white text looks on a background with the Yxy color 70.5340, 0.3260, 0.3653.

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

70.5340, 0.3260, 0.3653

Protanopia

70.4317, 0.3416, 0.3620

Deuteranopia

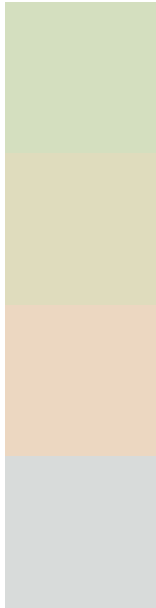
70.1280, 0.3544, 0.3459



Tritanopia

70.4716, 0.3023, 0.3106

Trichromacy



Original Color

70.5340, 0.3260, 0.3653

Protanomaly

70.5485, 0.3360, 0.3635

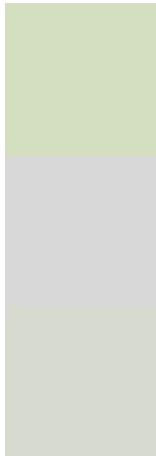
Deuteranomaly

70.2840, 0.3440, 0.3528

Tritanomaly

70.3239, 0.3112, 0.3301

Monochromacy



Original Color

70.5340, 0.3260, 0.3653

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.6151, 0.3179, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5340, 0.3260, 0.3653 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(212, 223, 191)` looks like.

```
.text, #text, p{  
    color:rgb(212, 223, 191)  
}
```

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(212, 223, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 223, 191) }
```

Border

The CSS property to change the border of an element to Yxy 70.5340, 0.3260, 0.3653 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(212, 223, 191) }
```

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

```
.border{ border-color:rgb(212, 223, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 223, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 223, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 223, 191); box-shadow:4px 4px 4px 4px rgb(212, 223, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5340, 0.3260, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 223, 191) }
```

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

```
.background{ background-color: rgb(212,  
223, 191) }
```

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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