

Converting Colors

$Y_{xy}(72.1391, 0.3561, 0.4249)$

Have a look what the booklet for
Yxy(72.1391, 0.3561, 0.4249)
contains.

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Color

Yxy(72.1984, 0.3562, 0.4251)

Conversions

Conversions Part 1

Format	Color
Hex	D5E590
RGB	213, 229, 144
RGB Percent	84%, 90%, 56%
CMY	0.1647, 0.1019, 0.4352
CMYK	0.07, 0.00, 0.37, 0.10
HSL	71°, 62%, 73%
HSV	71°, 37%, 90%
XYZ	60.4965, 72.1984, 37.1437
YIQ	214.5260, 17.7490, -29.8270

Conversions

Conversions Part 2

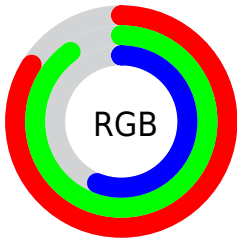
Format	Color
RYB	144, 229, 160
Decimal	14017936
CIELab	88.06, -18.45, 39.68
CIELCh	88, 43.757, 114.944
Yxy	72.1984, 0.3562, 0.4251
Android (android.graphics.Color)	4292208016 (0xFFD5E590)
YUV	214.5260, -34.7693, -1.3383
Hunter-Lab	84.9696, -21.6088, 33.5607

Details

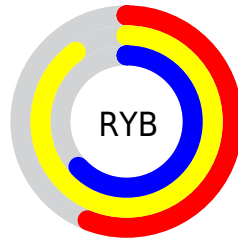
The Yxy color **72.1984, 0.3562, 0.4251** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.0894, 0.2572, 0.2203**, and the grayscale version is **67.8520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **38.2129, 0.3642, 0.4493** is the 20% darker color. If you saturate the color by 10%, you get **70.9345, 0.3665, 0.4507**, and if you desaturate by 10%, it is **73.6279, 0.3449, 0.3986**.

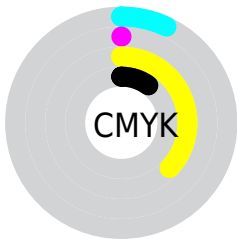
Distribution



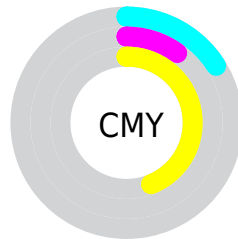
- Red (84%)
- Green (90%)
- Blue (56%)



- Red (56%)
- Yellow (90%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (37%)
- Black (10%)





- Cyan (16%)
- Magenta (10%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1984, 0.3562, 0.4251 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 72.1984, 0.3562, 0.4251 by changing the saturation by 10% instead.


 72.1984, 0.3562,
0.4251


 72.1984, 0.3562,
0.4251


468.2319, 0.3374,
0.3796

 53.3208, 0.3600,
0.4356


 122.3386, 0.3500,
0.4092

 38.0589, 0.3644,
0.4485


 154.3699, 0.3475,
0.4030

 26.0284, 0.3695,
0.4648

191.5545, 0.3453,
0.3977

 16.8449, 0.3751,
0.4857

234.2769, 0.3434,
0.3931

 10.1240, 0.3809,
0.5132

282.9215, 0.3416,
0.3891

 5.4812, 0.3863,
0.5523

337.8725, 0.3401,

 2.5323, 0.3885,

0.3856

0.6115

399.5145, 0.3387,
0.3824

0.8927, 0.3084,
0.6916

0.0000, 0.0000,
0.0000

72.1984, 0.3562,
0.4251

72.1984, 0.3562,
0.4251

70.9345, 0.3665,
0.4507

73.6279, 0.3449,
0.3986

69.8178, 0.3752,
0.4742


75.2215, 0.3330,
0.3722

68.8417, 0.3818,
0.4946


76.9897, 0.3211,
0.3465


67.9954, 0.3859,
0.5110

78.9396, 0.3094,
0.3221

 67.2659, 0.3874,
0.5228


 80.8481, 0.3003,
0.3028


 66.6366, 0.3865,
0.5301

 81.5892, 0.3031,
0.3030

 66.4652, 0.3860,
0.5317

 82.3481, 0.3060,
0.3032

 83.1251, 0.3089,
0.3035

 83.9202, 0.3117,
0.3037

Harmonies

Analogous

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



72.1984, 0.3984, 0.4086



72.1984, 0.3562, 0.4251



72.1984, 0.3044, 0.4110

Triad

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



72.1984, 0.3562, 0.4251



72.1984, 0.2173, 0.2718



72.1984, 0.3675, 0.2927

Complementary

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



72.1984, 0.3562, 0.4251



33.0894, 0.2572, 0.2203

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.



72.1984, 0.3141, 0.2624



72.1984, 0.3562, 0.4251



72.1984, 0.2306, 0.2489

Square

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



72.1984, 0.3562, 0.4251



72.1984, 0.2264, 0.3144



72.1984, 0.2645, 0.2466



72.1984, 0.4069, 0.3320

Rectangle

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



72.1984, 0.3562, 0.4251



72.1984, 0.2716, 0.3845



72.1984, 0.2645, 0.2466



72.1984, 0.3503, 0.2813

Sweetspot

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



72.2016, 0.3562, 0.4251



97.3354, 0.3258, 0.3565



43.6791, 0.3965, 0.3474



20.7677, 0.3274, 0.3600



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.



72.2016, 0.3562, 0.4251



90.8110, 0.3647, 0.4461



66.7058, 0.3253, 0.4354



16.6729, 0.3239, 0.3524



38.0501, 0.3865, 0.5313



2.8473, 0.3915, 0.5273

Inverse Universe

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



33.0894, 0.2572, 0.2203



33.7155, 0.2420, 0.1927



38.1827, 0.2928, 0.2305



14.0170, 0.3009, 0.3049



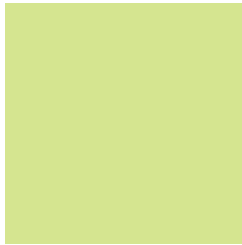
3.5679, 0.1590, 0.0650



0.3010, 0.1721, 0.0722

Previews

White Background



This preview shows how the Yxy color 72.1984, 0.3562, 0.4251 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 72.1984, 0.3562, 0.4251 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 72.1984, 0.3562, 0.4251

Background



This preview shows how black text looks on a background with the Yxy color 72.1984, 0.3562, 0.4251.



This preview shows how white text looks on a background with the Yxy color 72.1984, 0.3562, 0.4251.

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



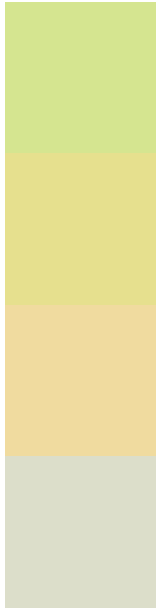
Original Color
72.1984, 0.3562, 0.4251
Protanopia
72.1613, 0.3819, 0.4138
Deuteranopia
71.6757, 0.3778, 0.3755



Tritanopia

71.9883, 0.3058, 0.3109

Trichromacy



Original Color

72.1984, 0.3562, 0.4251

Protanomaly

72.0873, 0.3723, 0.4182

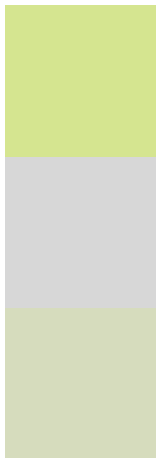
Deuteranomaly

71.6915, 0.3704, 0.3933

Tritanomaly

71.7225, 0.3246, 0.3512

Monochromacy



Original Color

72.1984, 0.3562, 0.4251

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.1567, 0.3292, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1984, 0.3562, 0.4251 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(213, 229, 144)` looks like.

```
.text, #text, p{  
    color:rgb(213, 229, 144)  
}
```

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(213, 229, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 229, 144) }
```

Border

The CSS property to change the border of an element to Yxy 72.1984, 0.3562, 0.4251 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(213, 229, 144) }
```

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

```
.border{ border-color:rgb(213, 229, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 229, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 229, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 229, 144);  
box-shadow:4px 4px 4px 4px rgb(213, 229,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1984, 0.3562, 0.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 229, 144) }
```

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

```
.background{ background-color: rgb(213,  
229, 144) }
```

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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