

Converting Colors

$Yxy(75.2284, 0.3629, 0.4430)$

Have a look what the booklet for
Yxy(75.2284, 0.3629, 0.4430)
contains.

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Color

Yxy(75.5297, 0.3629, 0.4428)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D7EB84 |
| RGB | 215, 235, 132 |
| RGB Percent | 84%, 92%, 52% |
| CMY | 0.1568, 0.0784, 0.4824 |
| CMYK | 0.09, 0.00, 0.44, 0.08 |
| HSL | 72°, 72%, 72% |
| HSV | 72°, 44%, 92% |
| XYZ | 61.9009, 75.5297, 33.1423 |
| YIQ | 217.2780, 21.1430, -36.2730 |

Conversions

Conversions Part 2

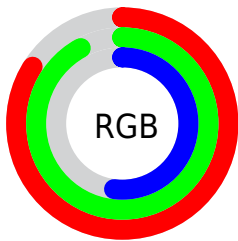
| Format | Color |
|-------------------------------------|---|
| RYB | 132, 235, 152 |
| Decimal | 14150532 |
| CIELab | 89.64, -21.95, 47.60 |
| CIELCh | 90, 52.419, 114.751 |
| Yxy | 75.5297, 0.3629, 0.4428 |
| Android (android.graphics.Color) | 4292340612 (0xFFD7EB84) |
| YUV | 217.2780, -42.0421, -1.9978 |
| Hunter-Lab | 86.9078, -24.9504, 38.2252 |

Details

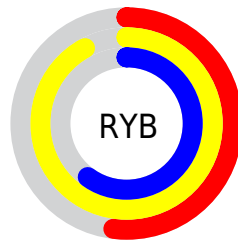
The Yxy color **75.5297, 0.3629, 0.4428** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **29.1719, 0.2451, 0.1975**, and the grayscale version is **69.8751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3679, 0.3532, 0.3959**, and **40.1903, 0.3717, 0.4688** is the 20% darker color. If you saturate the color by 10%, you get **74.2799, 0.3721, 0.4672**, and if you desaturate by 10%, it is **76.9504, 0.3523, 0.4167**.

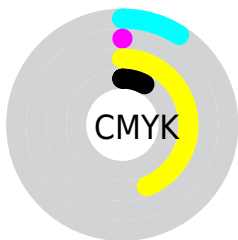
Distribution



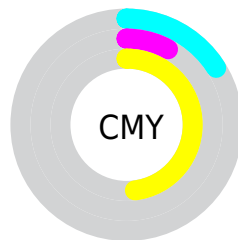
- Red (84%)
- Green (92%)
- Blue (52%)



- Red (52%)
- Yellow (92%)
- Blue (60%)



- Cyan (9%)
- Magenta (0%)
- Yellow (44%)
- Black (8%)





- Cyan (16%)
- Magenta (8%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5297, 0.3629, 0.4428 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 75.5297, 0.3629, 0.4428 by changing the saturation by 10% instead.


 75.5297, 0.3629,
0.4428


 75.5297, 0.3629,
0.4428

479.7362, 0.3420,
0.3894

 56.0469, 0.3669,
0.4549


 127.0619, 0.3562,
0.4243

 40.2406, 0.3714,
0.4696


 159.8801, 0.3535,
0.4171

 27.7262, 0.3762,
0.4878


 197.9123, 0.3510,
0.4109

 18.1193, 0.3810,
0.5108

241.5428, 0.3488,
0.4055

 11.0357, 0.3848,
0.5400

291.1561, 0.3468,
0.4007

 6.0909, 0.3905,
0.5859

347.1365, 0.3450,

 2.9004, 0.3744,

0.3965

0.6256

409.8684, 0.3434,
0.3928

■ 1.0800, 0.3071,
0.6929

■ 0.0000, 0.0000,
0.0000

■ 75.5297, 0.3629,
0.4428

■ 75.5297, 0.3629,
0.4428

■ 74.2799, 0.3721,
0.4672

■ 76.9504, 0.3523,
0.4167

■ 73.1808, 0.3793,
0.4889


■ 78.5410, 0.3408,
0.3901

■ 72.2246, 0.3841,
0.5068


■ 80.3131, 0.3290,
0.3637

■ 71.3984, 0.3864,
0.5202


■ 82.2746, 0.3172,
0.3384


 70.6862, 0.3860,
0.5290

 84.4327, 0.3057,
0.3144

 70.2891, 0.3849,
0.5326

 85.5807, 0.3053,
0.3092

 86.3991, 0.3083,
0.3094

 87.2379, 0.3113,
0.3096

 87.8975, 0.3136,
0.3097

Harmonies

Analogous

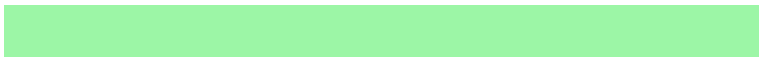
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5297, 0.4128, 0.4208



75.5297, 0.3629, 0.4428



75.5297, 0.3023, 0.4277

Triad

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



75.5297, 0.3629, 0.4428



75.5297, 0.2022, 0.2615



75.5297, 0.3768, 0.2863

Complementary

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



75.5297, 0.3629, 0.4428



29.1719, 0.2451, 0.1975

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.



75.5297, 0.3134, 0.2518



75.5297, 0.3629, 0.4428



75.5297, 0.2172, 0.2359

Square

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



75.5297, 0.3629, 0.4428



75.5297, 0.2123, 0.3111



75.5297, 0.2558, 0.2337



75.5297, 0.4239, 0.3310

Rectangle

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



75.5297, 0.3629, 0.4428



75.5297, 0.2642, 0.3957



75.5297, 0.2558, 0.2337



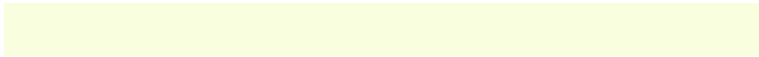
75.5297, 0.3563, 0.2733

Sweetspot

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



75.5331, 0.3629, 0.4428



96.8465, 0.3281, 0.3617



41.4220, 0.4189, 0.3507



20.6229, 0.3307, 0.3675



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.



75.5331, 0.3629, 0.4428



89.4945, 0.3716, 0.4658



69.0411, 0.3268, 0.4575



17.4708, 0.3238, 0.3525



39.1724, 0.3855, 0.5321



3.1137, 0.3904, 0.5282

Inverse Universe

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



29.1719, 0.2451, 0.1975



26.7342, 0.2272, 0.1659



35.1087, 0.2880, 0.2119



14.6896, 0.3010, 0.3048



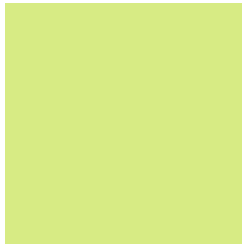
3.6977, 0.1594, 0.0652



0.3292, 0.1718, 0.0720

Previews

White Background



This preview shows how the Yxy color 75.5297, 0.3629, 0.4428 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 75.5297, 0.3629, 0.4428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

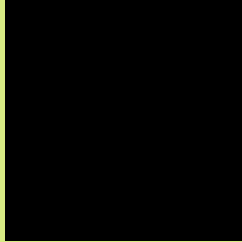
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5297, 0.3629, 0.4428

Background



This preview shows how black text looks on a background with the Yxy color 75.5297, 0.3629, 0.4428.

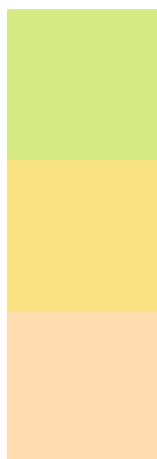


This preview shows how white text looks on a background with the Yxy color 75.5297, 0.3629, 0.4428.

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

75.5297, 0.3629, 0.4428

Protanopia

75.1831, 0.3938, 0.4280

Deuteranopia

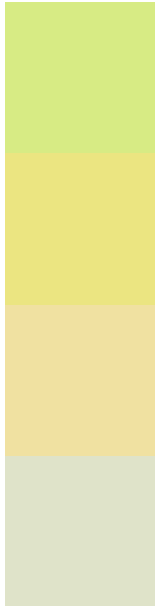
75.1374, 0.3685, 0.3712



Tritanopia

75.0278, 0.3053, 0.3102

Trichromacy



Original Color

75.5297, 0.3629, 0.4428

Protanomaly

75.2858, 0.3822, 0.4343

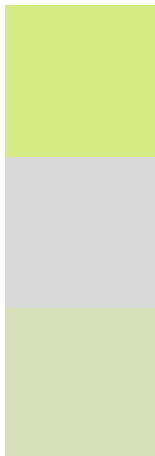
Deuteranomaly

74.9489, 0.3671, 0.3970

Tritanomaly

74.8432, 0.3269, 0.3574

Monochromacy



Original Color

75.5297, 0.3629, 0.4428

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

71.4554, 0.3322, 0.3718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5297, 0.3629, 0.4428 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(215, 235, 132)` looks like.

```
.text, #text, p{  
    color:rgb(215, 235, 132)  
}
```

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(215, 235, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 235, 132) }
```

Border

The CSS property to change the border of an element to Yxy 75.5297, 0.3629, 0.4428 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(215, 235, 132) }
```

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

```
.border{ border-color:rgb(215, 235, 132) }
```

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

Here you see how a box with a 4 pixel rgb(215, 235, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 235, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 235, 132);  
box-shadow:4px 4px 4px 4px rgb(215, 235,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5297, 0.3629, 0.4428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 235, 132) }
```

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

```
.background{ background-color: rgb(215,  
235, 132) }
```

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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