

Converting Colors

$Yxy(71.4817, 0.3980, 0.4521)$

Have a look what the booklet for
Yxy(71.4817, 0.3980, 0.4521)
contains.

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Color

Yxy(71.2673, 0.3985, 0.4521)

Conversions

Conversions Part 1

Format	Color
Hex	EADF68
RGB	234, 223, 104
RGB Percent	92%, 87%, 41%
CMY	0.0824, 0.1255, 0.5920
CMYK	0.00, 0.05, 0.56, 0.08
HSL	55°, 76%, 66%
HSV	55°, 56%, 92%
XYZ	62.8180, 71.2673, 23.5508
YIQ	212.7230, 44.7550, -34.6770

Conversions

Conversions Part 2

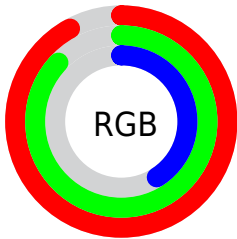
Format	Color
R _Y B	116, 234, 104
Decimal	15392616
CIE Lab	87.61, -11.08, 58.59
CIE LCh	88, 59.631, 100.713
Yxy	71.2673, 0.3985, 0.4521
Android (android.graphics.Color)	4293582696 (0xFFEADF68)
YUV	212.7230, -53.6004, 18.6599
Hunter-Lab	84.4200, -14.9107, 42.5537

Details

The Yxy color **71.2673, 0.3985, 0.4521** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.1524, 0.2080, 0.1648**, and the grayscale version is **66.6910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2486, 0.3700, 0.4238**, and **37.4657, 0.4139, 0.4774** is the 20% darker color. If you saturate the color by 10%, you get **69.8081, 0.4111, 0.4684**, and if you desaturate by 10%, it is **72.8774, 0.3841, 0.4326**.

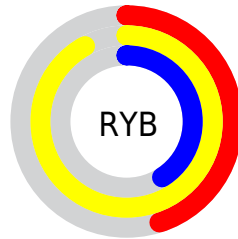
Distribution



Red (92%)

Green (87%)

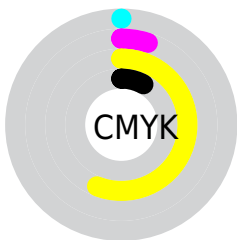
Blue (41%)



Red (45%)

Yellow (92%)

Blue (41%)

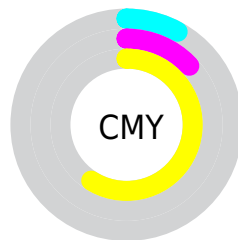


Cyan (0%)

Magenta (5%)

Yellow (56%)

Black (8%)



Cyan (8%)


Magenta (13%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2673, 0.3985, 0.4521 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 71.2673, 0.3985, 0.4521 by changing the saturation by 10% instead.


 71.2673, 0.3985,
0.4521

 71.2673, 0.3985,
0.4521


464.9873, 0.3619,
0.3963

 52.5604, 0.4056,
0.4639


 121.0143, 0.3867,
0.4334


 37.4519, 0.4135,
0.4777


 152.8231, 0.3819,
0.4259

 25.5576, 0.4220,
0.4940


 189.7679, 0.3775,
0.4193

 16.4930, 0.4307,
0.5129

 232.2333, 0.3737,
0.4136

 9.8737, 0.4399,
0.5363

280.6035, 0.3703,
0.4085

 5.3153, 0.4420,
0.5580

335.2630, 0.3672,

 2.4334, 0.4281,

0.4040

0.5719

396.5961, 0.3644,
0.3999

0.8430, 0.3863,
0.6137

0.0000, 0.0000,
0.0000

71.2673, 0.3985,
0.4521

71.2673, 0.3985,
0.4521

69.8081, 0.4111,
0.4684

72.8774, 0.3841,
0.4326

68.4785, 0.4213,
0.4807


74.6385, 0.3686,
0.4108


67.2689, 0.4288,
0.4886

76.5628, 0.3525,
0.3878


66.1630, 0.4336,
0.4920

78.6586, 0.3365,
0.3644


 65.6916, 0.4352,
0.4927

 80.9337, 0.3210,
0.3414

 83.3952, 0.3063,
0.3193

 85.1954, 0.2999,
0.3108

 86.3464, 0.2999,
0.3128

 87.5100, 0.2999,
0.3148

Harmonies

Analogous

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



71.2673, 0.4449, 0.4112



71.2673, 0.3985, 0.4521



71.2673, 0.3322, 0.4594

Triad

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



71.2673, 0.3985, 0.4521



71.2673, 0.1888, 0.2735



71.2673, 0.3527, 0.2599

Complementary

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



71.2673, 0.3985, 0.4521



21.1524, 0.2080, 0.1648

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.



71.2673, 0.2799, 0.2292



71.2673, 0.3985, 0.4521



71.2673, 0.1928, 0.2322

Square

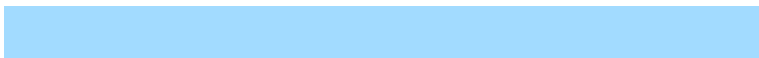
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2673, 0.3985, 0.4521



71.2673, 0.2129, 0.3416



71.2673, 0.2237, 0.2187



71.2673, 0.4202, 0.3054

Rectangle

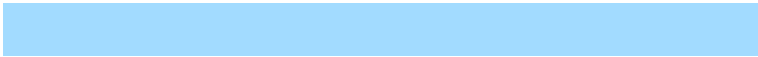
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2673, 0.3985, 0.4521



71.2673, 0.2859, 0.4360



71.2673, 0.2237, 0.2187



71.2673, 0.3277, 0.2477

Sweetspot

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



71.2706, 0.3985, 0.4521



95.1998, 0.3389, 0.3680



28.6846, 0.4629, 0.3154



20.2644, 0.3422, 0.3727



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.



71.2706, 0.3985, 0.4521



84.5505, 0.4131, 0.4709



69.7887, 0.3535, 0.4817



17.3964, 0.3270, 0.3504



37.0092, 0.4349, 0.4929



2.9704, 0.4325, 0.4948

Inverse Universe

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



21.1524, 0.2080, 0.1648



17.9587, 0.1857, 0.1275



22.9182, 0.2448, 0.1674



14.7535, 0.2980, 0.3067



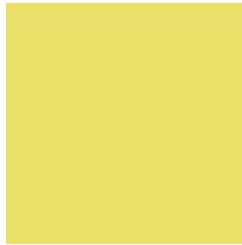
3.6886, 0.1516, 0.0656



0.3604, 0.1554, 0.0795

Previews

White Background



This preview shows how the Yxy color 71.2673, 0.3985, 0.4521 looks on a white background.

Color Contrast Check

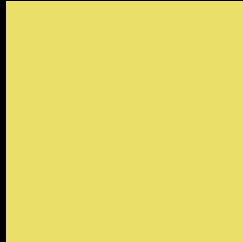
Large Text (above 18pt) WCAG AA × Fail

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 71.2673, 0.3985, 0.4521 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 71.2673, 0.3985, 0.4521

Background



This preview shows how black text looks on a background with the Yxy color 71.2673, 0.3985, 0.4521.



This preview shows how white text looks on a background with the Yxy color 71.2673, 0.3985, 0.4521.

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

71.2673, 0.3985, 0.4521

Protanopia

71.2204, 0.4079, 0.4469

Deuteranopia

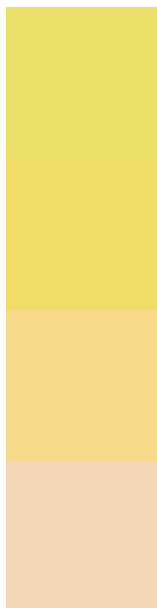
71.2488, 0.3866, 0.3878



Tritanopia

71.1770, 0.3284, 0.3126

Trichromacy



Original Color

71.2673, 0.3985, 0.4521

Protanomaly

71.2174, 0.4049, 0.4489

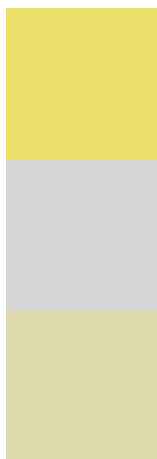
Deuteranomaly

71.2060, 0.3918, 0.4122

Tritanomaly

70.8555, 0.3566, 0.3643

Monochromacy



Original Color

71.2673, 0.3985, 0.4521

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

68.0150, 0.3462, 0.3788

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2673, 0.3985, 0.4521 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(234, 223, 104)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 104)  
}
```

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(234, 223, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 104) }
```

Border

The CSS property to change the border of an element to Yxy 71.2673, 0.3985, 0.4521 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(234, 223, 104) }
```

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

```
.border{ border-color:rgb(234, 223, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 104);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2673, 0.3985, 0.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 104) }
```

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

```
.background{ background-color: rgb(234,  
223, 104) }
```

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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