

Converting Colors

$Y_{xy}(55.2733, 0.4046, 0.4225)$

Have a look what the booklet for
Yxy(55.2733, 0.4046, 0.4225)
contains.

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Color

Yxy(55.2733, 0.4046, 0.4225)

Conversions

Conversions Part 1

Format	Color
Hex	E1C16E
RGB	225, 193, 110
RGB Percent	88%, 76%, 43%
CMY	0.1177, 0.2431, 0.5688
CMYK	0.00, 0.14, 0.51, 0.12
HSL	43°, 66%, 66%
HSV	43°, 51%, 88%
XYZ	52.9315, 55.2733, 22.6195
YIQ	193.1060, 45.7150, -19.0290

Conversions

Conversions Part 2

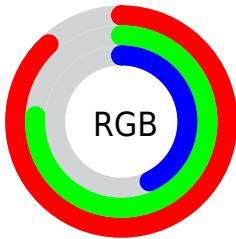
Format	Color
RYB	154, 225, 110
Decimal	14795118
CIELab	79.20, 1.03, 45.68
CIELCh	79, 45.696, 88.711
Yxy	55.2733, 0.4046, 0.4225
Android (android.graphics.Color)	4292985198 (0xFFE1C16E)
YUV	193.1060, -40.9713, 27.9710
Hunter-Lab	74.3460, -3.0203, 34.0034

Details

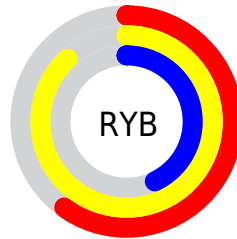
The Yxy color **55.2733, 0.4046, 0.4225** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **28.0763, 0.2234, 0.2114**, and the grayscale version is **53.6184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6557, 0.3691, 0.4140**, and **27.2874, 0.4250, 0.4443** is the 20% darker color. If you saturate the color by 10%, you get **52.1392, 0.4238, 0.4375**, and if you desaturate by 10%, it is **58.6540, 0.3850, 0.4052**.

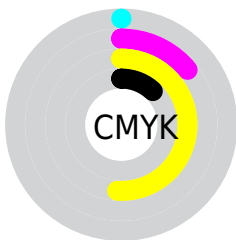
Distribution



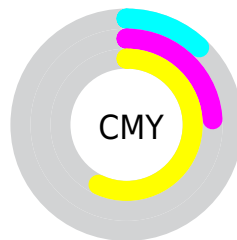
- Red (88%)
- Green (76%)
- Blue (43%)



- Red (60%)
- Yellow (88%)
- Blue (43%)



- Cyan (0%)
- Magenta (14%)
- Yellow (51%)
- Black (12%)





- Cyan (12%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2733, 0.4046, 0.4225 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 55.2733, 0.4046, 0.4225 by changing the saturation by 10% instead.


 55.2733, 0.4046,
0.4225

 55.2733, 0.4046,
0.4225


406.9471, 0.3615,
0.3789

 39.6206, 0.4141,
0.4320

 97.9413, 0.3898,
0.4076


 27.2428, 0.4255,
0.4434


 125.7253, 0.3840,
0.4017

 17.7557, 0.4391,
0.4569


 158.3219, 0.3790,
0.3966

 10.7747, 0.4550,
0.4726

 196.1154, 0.3746,
0.3921

 5.9156, 0.4779,
0.4949

239.4903, 0.3707,
0.3882

 2.7938, 0.4924,
0.5076

288.8310, 0.3673,

 1.0251, 0.4944,

0.3848

0.5056

344.5218, 0.3642,
0.3817

0.0000, 0.0000,
0.0000

55.2733, 0.4046,
0.4225

55.2733, 0.4046,
0.4225

52.1392, 0.4238,
0.4375

58.6540, 0.3850,
0.4052

49.2328, 0.4418,
0.4492

62.2834, 0.3657,
0.3866

46.5443, 0.4576,
0.4565

66.1733, 0.3473,
0.3676

44.0590, 0.4705,
0.4589

70.3325, 0.3302,
0.3489

42.0026, 0.4796,
0.4574

74.7688, 0.3144,
0.3310

■ 79.4901, 0.3001,
0.3140

■ 83.6750, 0.2942,
0.3104

■ 87.3562, 0.2944,
0.3168

■ 91.1648, 0.2945,
0.3232

Harmonies

Analogous

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



55.2733, 0.4316, 0.3836



55.2733, 0.4046, 0.4225



55.2733, 0.3541, 0.4394

Triad

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



55.2733, 0.4046, 0.4225



55.2733, 0.2126, 0.3044



55.2733, 0.3217, 0.2577

Complementary

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



55.2733, 0.4046, 0.4225



28.0763, 0.2234, 0.2114

Split Complementary

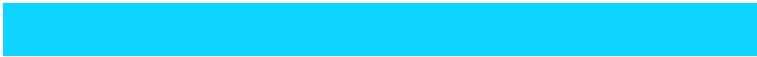
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.2733, 0.2641, 0.2376



55.2733, 0.4046, 0.4225



55.2733, 0.2059, 0.2590

Square

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



55.2733, 0.4046, 0.4225



55.2733, 0.2438, 0.3656



55.2733, 0.2237, 0.2371



55.2733, 0.3821, 0.2929

Rectangle

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



55.2733, 0.4046, 0.4225



55.2733, 0.3147, 0.4304



55.2733, 0.2237, 0.2371



55.2733, 0.3012, 0.2490

Sweetspot

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



55.2759, 0.4046, 0.4225



91.1790, 0.3368, 0.3563



29.1192, 0.4158, 0.2915



19.2651, 0.3405, 0.3603



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.



55.2759, 0.4046, 0.4225



69.1353, 0.4244, 0.4379



67.2579, 0.3676, 0.4615



15.3516, 0.3274, 0.3458



24.4124, 0.4785, 0.4583



1.8403, 0.4673, 0.4672

Inverse Universe

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



28.0763, 0.2234, 0.2114



29.4508, 0.2051, 0.1829



21.7208, 0.2336, 0.1741



13.8605, 0.2981, 0.3116



5.3220, 0.1598, 0.0953



0.5171, 0.1682, 0.1256

Previews

White Background



This preview shows how the Yxy color 55.2733, 0.4046, 0.4225 looks on a white background.

Color Contrast Check

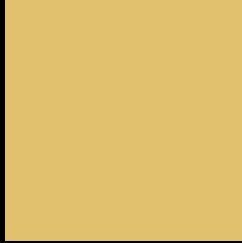
Large Text (above 18pt) WCAG AA × Fail

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 55.2733, 0.4046, 0.4225 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 55.2733, 0.4046, 0.4225

Background



This preview shows how black text looks on a background with the Yxy color 55.2733, 0.4046, 0.4225.



This preview shows how white text looks on a background with the Yxy color 55.2733, 0.4046, 0.4225.

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

55.2733, 0.4046, 0.4225

Protanopia

55.2265, 0.3943, 0.4276

Deuteranopia

55.0391, 0.4198, 0.4108



Tritanopia

55.2218, 0.3442, 0.3135

Trichromacy



Original Color

55.2733, 0.4046, 0.4225

Protanomaly

55.2380, 0.3975, 0.4255

Deuteranomaly

55.0353, 0.4142, 0.4144

Tritanomaly

55.0803, 0.3678, 0.3542

Monochromacy



Original Color

55.2733, 0.4046, 0.4225

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7634, 0.3460, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2733, 0.4046, 0.4225 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(225, 193, 110)` looks like.

```
.text, #text, p{  
  color:rgb(225, 193, 110)  
}
```

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(225, 193, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 110) }
```

Border

The CSS property to change the border of an element to Yxy 55.2733, 0.4046, 0.4225 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(225, 193, 110) }
```

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

```
.border{ border-color:rgb(225, 193, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 193, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 193, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 193, 110);  
box-shadow:4px 4px 4px 4px rgb(225, 193,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2733, 0.4046, 0.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 193, 110) }
```

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

```
.background{ background-color: rgb(225,  
193, 110) }
```

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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