

Converting Colors

Yxy(56.2043, 0.4307, 0.4516)

Have a look what the booklet for
Yxy(56.2043, 0.4307, 0.4516)
contains.

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Color

Yxy(56.0805, 0.4307, 0.4513)

Conversions

Conversions Part 1

Format	Color
Hex	E7C24B
RGB	231, 194, 75
RGB Percent	91%, 76%, 29%
CMY	0.0941, 0.2392, 0.7058
CMYK	0.00, 0.16, 0.68, 0.09
HSL	46°, 76%, 60%
HSV	46°, 68%, 91%
XYZ	53.5207, 56.0805, 14.6632
YIQ	191.4970, 60.2510, -29.1650

Conversions

Conversions Part 2

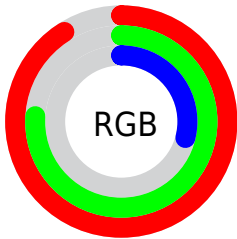
Format	Color
RYB	124, 231, 75
Decimal	15188555
CIELab	79.66, 0.56, 62.42
CIELCh	80, 62.418, 89.485
Yxy	56.0805, 0.4307, 0.4513
Android (android.graphics.Color)	4293378635 (0xFFE7C24B)
YUV	191.4970, -57.4330, 34.6441
Hunter-Lab	74.8869, -3.4806, 40.8116

Details

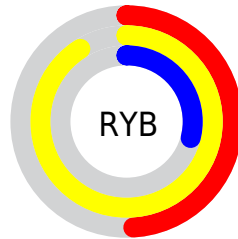
The Yxy color **56.0805, 0.4307, 0.4513** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **18.8625, 0.1927, 0.1572**, and the grayscale version is **52.7216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2162, 0.3876, 0.4454**, and **27.8446, 0.4529, 0.4741** is the 20% darker color. If you saturate the color by 10%, you get **53.4270, 0.4457, 0.4609**, and if you desaturate by 10%, it is **58.9442, 0.4136, 0.4377**.

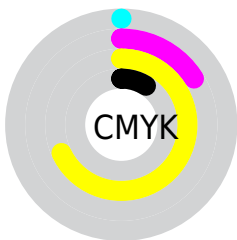
Distribution



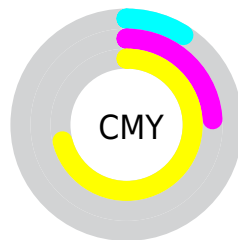
- Red (91%)
- Green (76%)
- Blue (29%)



- Red (49%)
- Yellow (91%)
- Blue (29%)



- Cyan (0%)
- Magenta (16%)
- Yellow (68%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0805, 0.4307, 0.4513 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 56.0805, 0.4307, 0.4513 by changing the saturation by 10% instead.


 56.0805, 0.4307,
0.4513


 56.0805, 0.4307,
0.4513


409.9948, 0.3779,
0.3967

 40.2675, 0.4411,
0.4620

 99.1223, 0.4134,
0.4335

 27.7471, 0.4528,
0.4740


 127.1198, 0.4064,
0.4262


 18.1351, 0.4654,
0.4867


 159.9476, 0.4001,
0.4198

 11.0471, 0.4798,
0.5013

 197.9901, 0.3946,
0.4141

 6.0985, 0.4894,
0.5106

 241.6317, 0.3897,
0.4090

 2.9051, 0.4900,
0.5100

291.2567, 0.3853,

 1.0824, 0.4911,

0.4045

0.5089

347.2496, 0.3814,
0.4004

0.0000, 0.0000,
0.0000

56.0805, 0.4307,
0.4513

56.0805, 0.4307,
0.4513

53.4270, 0.4457,
0.4609

58.9442, 0.4136,
0.4377

50.9615, 0.4580,
0.4657

62.0221, 0.3953,
0.4210

48.6682, 0.4673,
0.4658


65.3277, 0.3767,
0.4023

48.1205, 0.4694,
0.4655


68.8707, 0.3583,
0.3825

72.6601, 0.3407,
0.3626

 76.7044, 0.3243,
0.3431

 81.0114, 0.3091,
0.3245

 85.2736, 0.2980,
0.3117

 88.5116, 0.2981,
0.3173

Harmonies

Analogous

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



56.0805, 0.4710, 0.3968



56.0805, 0.4307, 0.4513



56.0805, 0.3619, 0.4804

Triad

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



56.0805, 0.4307, 0.4513



56.0805, 0.1808, 0.2907



56.0805, 0.3255, 0.2371

Complementary

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



56.0805, 0.4307, 0.4513



18.8625, 0.1927, 0.1572

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.



56.0805, 0.2489, 0.2111



56.0805, 0.4307, 0.4513



56.0805, 0.1744, 0.2333

Square

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



56.0805, 0.4307, 0.4513



56.0805, 0.2185, 0.3761



56.0805, 0.1973, 0.2084



56.0805, 0.4086, 0.2816

Rectangle

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



56.0805, 0.4307, 0.4513



56.0805, 0.3099, 0.4704



56.0805, 0.1973, 0.2084



56.0805, 0.2979, 0.2261

Sweetspot

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



56.0832, 0.4307, 0.4513



89.6604, 0.3452, 0.3677



23.2413, 0.4806, 0.2900



18.9023, 0.3501, 0.3734



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.



56.0832, 0.4307, 0.4513



65.6155, 0.4509, 0.4633



68.8762, 0.3747, 0.5002



16.2071, 0.3273, 0.3468



27.1739, 0.4684, 0.4663



2.1482, 0.4598, 0.4731

Inverse Universe

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



18.8625, 0.1927, 0.1572



16.4938, 0.1728, 0.1207



14.3837, 0.2070, 0.1246



14.4395, 0.2980, 0.3105



4.9156, 0.1574, 0.0867



0.5044, 0.1650, 0.1140

Previews

White Background



This preview shows how the Yxy color 56.0805, 0.4307, 0.4513 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 56.0805, 0.4307, 0.4513 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 56.0805, 0.4307, 0.4513

Background



This preview shows how black text looks on a background with the Yxy color 56.0805, 0.4307, 0.4513.



This preview shows how white text looks on a background with the Yxy color 56.0805, 0.4307, 0.4513.

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

56.0805, 0.4307, 0.4513

Protanopia

56.1256, 0.4177, 0.4596

Deuteranopia

56.0951, 0.4470, 0.4374



Tritanopia

55.9667, 0.3512, 0.3139

Trichromacy



Original Color

56.0805, 0.4307, 0.4513

Protanomaly

56.3016, 0.4219, 0.4567

Deuteranomaly

56.0495, 0.4418, 0.4422

Tritanomaly

55.3893, 0.3854, 0.3671

Monochromacy



Original Color

56.0805, 0.4307, 0.4513

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4317, 0.3581, 0.3830

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0805, 0.4307, 0.4513 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(231, 194, 75)` looks like.

```
.text, #text, p{  
    color:rgb(231, 194, 75)  
}
```

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(231, 194, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 194, 75) }
```

Border

The CSS property to change the border of an element to Yxy 56.0805, 0.4307, 0.4513 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(231, 194, 75) }
```

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

```
.border{ border-color:rgb(231, 194, 75) }
```

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

Here you see how a box with a 4 pixel rgb(231, 194, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 194, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 194, 75);  
box-shadow:4px 4px 4px 4px rgb(231, 194,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0805, 0.4307, 0.4513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 194, 75) }
```

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

```
.background{ background-color: rgb(231,  
194, 75) }
```

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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