

Converting Colors

$Yxy(56.2657, 0.4277, 0.4579)$

Have a look what the booklet for
Yxy(56.2657, 0.4277, 0.4579)
contains.

Yxy(56.2657, 0.4277, 0.4579)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.2657, 0.4277, 0.4579)

Conversions

Conversions Part 1

Format	Color
Hex	E3C447
RGB	227, 196, 71
RGB Percent	89%, 77%, 28%
CMY	0.1098, 0.2313, 0.7214
CMYK	0.00, 0.14, 0.69, 0.11
HSL	48°, 74%, 58%
HSV	48°, 69%, 89%
XYZ	52.5548, 56.2657, 14.0572
YIQ	191.0190, 58.6010, -32.3030

Conversions

Conversions Part 2

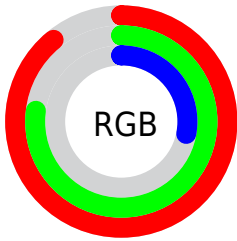
Format	Color
R_{YB}	110, 227, 71
Decimal	14926919
CIE _{Lab}	79.76, -2.39, 64.03
CIE _{LCh}	80, 64.074, 92.139
Yxy	56.2657, 0.4277, 0.4579
Android (android.graphics.Color)	4293116999 (0xFFE3C447)
YUV	191.0190, -59.1694, 31.5553
Hunter-Lab	75.0105, -6.2054, 41.3962

Details

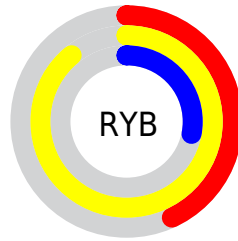
The Yxy color **56.2657, 0.4277, 0.4579** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **16.3933, 0.1889, 0.1459**, and the grayscale version is **52.4394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3872, 0.3883, 0.4494**, and **27.9698, 0.4480, 0.4825** is the 20% darker color. If you saturate the color by 10%, you get **54.0251, 0.4410, 0.4675**, and if you desaturate by 10%, it is **58.6817, 0.4122, 0.4441**.

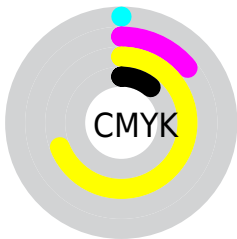
Distribution



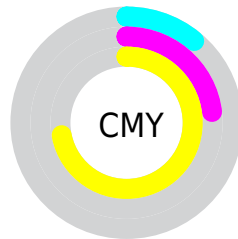
- Red (89%)
- Green (77%)
- Blue (28%)



- Red (43%)
- Yellow (89%)
- Blue (28%)



- Cyan (0%)
- Magenta (14%)
- Yellow (69%)
- Black (11%)




- Cyan (11%)
- Magenta (23%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2657, 0.4277, 0.4579 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 56.2657, 0.4277, 0.4579 by changing the saturation by 10% instead.

 56.2657, 0.4277,
0.4579

 56.2657, 0.4277,
0.4579


410.6920, 0.3768,
0.4001


 40.4160, 0.4375,
0.4693


 99.3930, 0.4113,
0.4390

 27.8630, 0.4483,
0.4822

 127.4393, 0.4045,
0.4312


 18.2224, 0.4595,
0.4959


 160.3199, 0.3984,
0.4244

 11.1098, 0.4728,
0.5126

 198.4193, 0.3931,
0.4184

 6.1407, 0.4782,
0.5218

 242.1218, 0.3884,
0.4130

 2.9308, 0.4756,
0.5244

291.8119, 0.3841,

 1.0957, 0.4710,

0.4082

0.5290

347.8738, 0.3803,
0.4039

■ 0.0000, 0.0000,
0.0000

■ 56.2657, 0.4277,
0.4579

■ 56.2657, 0.4277,
0.4579

■ 54.0251, 0.4410,
0.4675

■ 58.6817, 0.4122,
0.4441

■ 51.9384, 0.4514,
0.4725

■ 61.2763, 0.3952,
0.4271

■ 49.9885, 0.4591,
0.4730

■ 64.0623, 0.3774,
0.4079

■ 49.7425, 0.4600,
0.4729

■ 67.0489, 0.3597,
0.3874

■ 70.2443, 0.3424,
0.3666

■ 73.6563, 0.3260,
0.3462

■ 77.2922, 0.3108,
0.3265

■ 81.1588, 0.2968,
0.3079

■ 83.8833, 0.2955,
0.3103

Harmonies

Analogous

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



56.2657, 0.4726, 0.4030



56.2657, 0.4277, 0.4579



56.2657, 0.3557, 0.4846

Triad

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



56.2657, 0.4277, 0.4579



56.2657, 0.1762, 0.2829



56.2657, 0.3334, 0.2385

Complementary

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



56.2657, 0.4277, 0.4579



16.3933, 0.1889, 0.1459

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.



56.2657, 0.2534, 0.2101



56.2657, 0.4277, 0.4579



56.2657, 0.1725, 0.2275

Square

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



56.2657, 0.4277, 0.4579



56.2657, 0.2115, 0.3690



56.2657, 0.1983, 0.2050



56.2657, 0.4177, 0.2851

Rectangle

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



56.2657, 0.4277, 0.4579



56.2657, 0.3024, 0.4709



56.2657, 0.1983, 0.2050



56.2657, 0.3048, 0.2267

Sweetspot

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



56.2684, 0.4277, 0.4579



90.4173, 0.3465, 0.3717



21.8045, 0.4974, 0.2984



19.1036, 0.3513, 0.3775



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.



56.2684, 0.4277, 0.4579



69.2759, 0.4453, 0.4700



65.1168, 0.3691, 0.5062



16.3051, 0.3272, 0.3477



29.1805, 0.4593, 0.4735



2.2806, 0.4524, 0.4790

Inverse Universe

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



16.3933, 0.1889, 0.1459



14.6866, 0.1693, 0.1100



13.8959, 0.2112, 0.1245



14.3484, 0.2980, 0.3096



4.4639, 0.1555, 0.0798



0.4590, 0.1627, 0.1055

Previews

White Background



This preview shows how the Yxy color 56.2657, 0.4277, 0.4579 looks on a white background.

Color Contrast Check

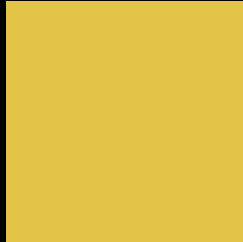
Large Text (above 18pt) WCAG AA × Fail

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 56.2657, 0.4277, 0.4579 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 56.2657, 0.4277, 0.4579

Background



This preview shows how black text looks on a background with the Yxy color 56.2657, 0.4277, 0.4579.

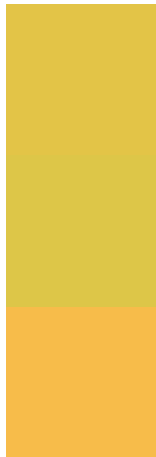


This preview shows how white text looks on a background with the Yxy color 56.2657, 0.4277, 0.4579.

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

56.2657, 0.4277, 0.4579

Protanopia

56.2282, 0.4206, 0.4620

Deuteranopia

56.2350, 0.4494, 0.4390



Tritanopia

55.9487, 0.3467, 0.3126

Trichromacy



Original Color

56.2657, 0.4277, 0.4579

Protanomaly

56.0884, 0.4230, 0.4601

Deuteranomaly

56.2679, 0.4417, 0.4456

Tritanomaly

55.5571, 0.3811, 0.3698

Monochromacy



Original Color

56.2657, 0.4277, 0.4579

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.0839, 0.3579, 0.3858

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2657, 0.4277, 0.4579 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(227, 196, 71)` looks like.

```
.text, #text, p{  
    color:rgb(227, 196, 71)  
}
```

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(227, 196, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 196, 71) }
```

Border

The CSS property to change the border of an element to Yxy 56.2657, 0.4277, 0.4579 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(227, 196, 71) }
```

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

```
.border{ border-color:rgb(227, 196, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 196, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 196, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 196, 71);  
box-shadow:4px 4px 4px 4px rgb(227, 196,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2657, 0.4277, 0.4579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 196, 71) }
```

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

```
.background{ background-color: rgb(227,  
196, 71) }
```

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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