

Converting Colors

Yxy(60.2164, 0.4106, 0.4424)

Have a look what the booklet for
Yxy(60.2164, 0.4106, 0.4424)
contains.

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Color

Yxy(60.2330, 0.4103, 0.4427)

Conversions

Conversions Part 1

Format	Color
Hex	E5CB61
RGB	229, 203, 97
RGB Percent	90%, 80%, 38%
CMY	0.1020, 0.2039, 0.6195
CMYK	0.00, 0.11, 0.58, 0.10
HSL	48°, 72%, 64%
HSV	48°, 58%, 90%
XYZ	55.8247, 60.2330, 20.0006
YIQ	198.6900, 49.5220, -27.4540

Conversions

Conversions Part 2

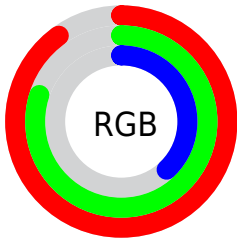
Format	Color
RYB	129, 229, 97
Decimal	15059809
CIELab	81.96, -3.53, 55.21
CIELCh	82, 55.327, 93.661
Yxy	60.2330, 0.4103, 0.4427
Android (android.graphics.Color)	4293249889 (0xFFE5CB61)
YUV	198.6900, -50.1332, 26.5819
Hunter-Lab	77.6099, -7.4226, 39.0475

Details

The Yxy color **60.2330, 0.4103, 0.4427** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **22.3680, 0.2083, 0.1781**, and the grayscale version is **57.2060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0144, 0.3739, 0.4302**, and **30.3347, 0.4301, 0.4660** is the 20% darker color. If you saturate the color by 10%, you get **57.7699, 0.4260, 0.4569**, and if you desaturate by 10%, it is **62.8870, 0.3932, 0.4254**.

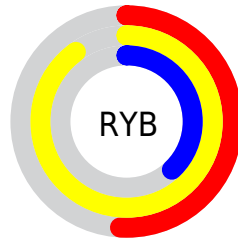
Distribution



Red (90%)

Green (80%)

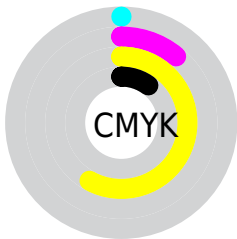
Blue (38%)



Red (51%)

Yellow (90%)

Blue (38%)

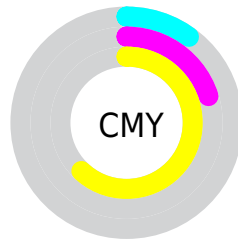


Cyan (0%)

Magenta (11%)

Yellow (58%)

Black (10%)



Cyan (10%)


Magenta (20%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2330, 0.4103, 0.4427 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 60.2330, 0.4103, 0.4427 by changing the saturation by 10% instead.


 60.2330, 0.4103,
0.4427


 60.2330, 0.4103,
0.4427


425.4561, 0.3665,
0.3907


 43.6065, 0.4193,
0.4537

 105.1676, 0.3958,
0.4252

 30.3612, 0.4296,
0.4665

 134.2444, 0.3899,
0.4182

 20.1129, 0.4412,
0.4813


 168.2402, 0.3847,
0.4121

 12.4772, 0.4535,
0.4979

 207.5392, 0.3802,
0.4067

 7.0695, 0.4744,
0.5256

252.5259, 0.3762,
0.4020

 3.5056, 0.4710,
0.5290

303.5847, 0.3726,

 1.4011, 0.4650,

0.3978

0.5350

361.0999, 0.3694,
0.3940

■ 0.2175, 0.3565,
0.6435

■ 0.0000, 0.0000,
0.0000

■ 60.2330, 0.4103,
0.4427

■ 60.2330, 0.4103,
0.4427

■ 57.7699, 0.4260,
0.4569

■ 62.8870, 0.3932,
0.4254

■ 55.4777, 0.4394,
0.4670


■ 65.7335, 0.3755,
0.4059


■ 53.3458, 0.4501,
0.4725

■ 68.7844, 0.3578,
0.3853

■ 51.3564, 0.4580,
0.4734

■ 72.0484, 0.3406,
0.3645


 50.8982, 0.4596,
0.4733

 75.5331, 0.3243,
0.3441

 79.2461, 0.3092,
0.3244

 83.0435, 0.2967,
0.3082

 85.6514, 0.2968,
0.3129

 88.3250, 0.2968,
0.3175

Harmonies

Analogous

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



60.2330, 0.4486, 0.3984



60.2330, 0.4103, 0.4427



60.2330, 0.3482, 0.4593

Triad

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



60.2330, 0.4103, 0.4427



60.2330, 0.1938, 0.2883



60.2330, 0.3347, 0.2524

Complementary

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



60.2330, 0.4103, 0.4427



22.3680, 0.2083, 0.1781

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.



60.2330, 0.2655, 0.2264



60.2330, 0.4103, 0.4427



60.2330, 0.1913, 0.2409

Square

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



60.2330, 0.4103, 0.4427



60.2330, 0.2243, 0.3593



60.2330, 0.2157, 0.2213



60.2330, 0.4046, 0.2945

Rectangle

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



60.2330, 0.4103, 0.4427



60.2330, 0.3023, 0.4444



60.2330, 0.2157, 0.2213



60.2330, 0.3104, 0.2417

Sweetspot

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



60.2358, 0.4103, 0.4427



92.1912, 0.3397, 0.3634



26.6520, 0.4529, 0.3003



19.5471, 0.3431, 0.3676



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.



60.2358, 0.4103, 0.4427



73.2018, 0.4285, 0.4590



67.7648, 0.3643, 0.4816



16.3097, 0.3272, 0.3477



29.2774, 0.4589, 0.4739



2.2869, 0.4520, 0.4793

Inverse Universe

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



22.3680, 0.2083, 0.1781



20.8488, 0.1876, 0.1435



19.4982, 0.2302, 0.1566



14.3442, 0.2980, 0.3095



4.4448, 0.1554, 0.0795



0.4570, 0.1626, 0.1051

Previews

White Background



This preview shows how the Yxy color 60.2330, 0.4103, 0.4427 looks on a white background.

Color Contrast Check

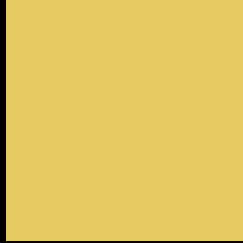
Large Text (above 18pt) WCAG AA × Fail

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 60.2330, 0.4103, 0.4427 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 60.2330, 0.4103, 0.4427

Background



This preview shows how black text looks on a background with the Yxy color 60.2330, 0.4103, 0.4427.

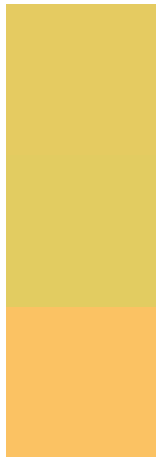


This preview shows how white text looks on a background with the Yxy color 60.2330, 0.4103, 0.4427.

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

60.2330, 0.4103, 0.4427

Protanopia

60.2175, 0.4072, 0.4449

Deuteranopia

59.9937, 0.4335, 0.4241



Tritanopia

60.0686, 0.3405, 0.3129

Trichromacy



Original Color

60.2330, 0.4103, 0.4427

Protanomaly

60.3797, 0.4080, 0.4445

Deuteranomaly

59.8690, 0.4254, 0.4307

Tritanomaly

59.4456, 0.3688, 0.3615

Monochromacy



Original Color

60.2330, 0.4103, 0.4427

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.6188, 0.3494, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2330, 0.4103, 0.4427 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(229, 203, 97)` looks like.

```
.text, #text, p{  
    color:rgb(229, 203, 97)  
}
```

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(229, 203, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 203, 97) }
```

Border

The CSS property to change the border of an element to Yxy 60.2330, 0.4103, 0.4427 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(229, 203, 97) }
```

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

```
.border{ border-color:rgb(229, 203, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 203, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 203, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 203, 97);  
box-shadow:4px 4px 4px 4px rgb(229, 203,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2330, 0.4103, 0.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 203, 97) }
```

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

```
.background{ background-color: rgb(229,  
203, 97) }
```

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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