

Converting Colors

$Yxy(60.6481, 0.4011, 0.4462)$

Have a look what the booklet for
Yxy(60.6481, 0.4011, 0.4462)
contains.

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Color

Yxy(60.5731, 0.4014, 0.4465)

Conversions

Conversions Part 1

Format	Color
Hex	DECE63
RGB	222, 206, 99
RGB Percent	87%, 81%, 39%
CMY	0.1293, 0.1922, 0.6116
CMYK	0.00, 0.07, 0.55, 0.13
HSL	52°, 65%, 63%
HSV	52°, 55%, 87%
XYZ	54.4547, 60.5731, 20.6342
YIQ	198.5860, 43.8830, -29.8850

Conversions

Conversions Part 2

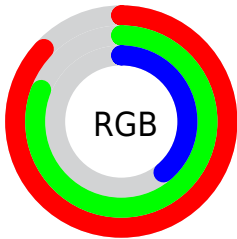
Format	Color
RYB	117, 222, 99
Decimal	14601827
CIELab	82.15, -7.78, 54.34
CIELCh	82, 54.897, 98.147
Yxy	60.5731, 0.4014, 0.4465
Android (android.graphics.Color)	4292791907 (0xFFDECE63)
YUV	198.5860, -49.0959, 20.5341
Hunter-Lab	77.8287, -11.3084, 38.7610

Details

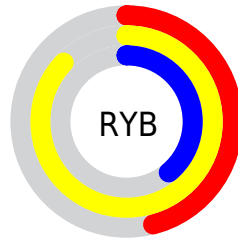
The Yxy color **60.5731, 0.4014, 0.4465** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.2061, 0.2102, 0.1736**, and the grayscale version is **57.1378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0799, 0.3728, 0.4284**, and **30.5462, 0.4182, 0.4726** is the 20% darker color. If you saturate the color by 10%, you get **58.8274, 0.4153, 0.4624**, and if you desaturate by 10%, it is **62.4668, 0.3859, 0.4276**.

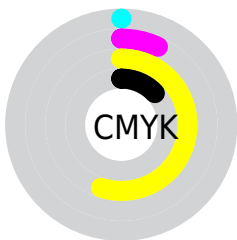
Distribution



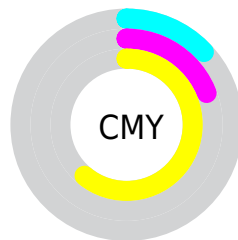
- Red (87%)
- Green (81%)
- Blue (39%)



- Red (46%)
- Yellow (87%)
- Blue (39%)



- Cyan (0%)
- Magenta (7%)
- Yellow (55%)
- Black (13%)





- Cyan (13%)
- Magenta (19%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5731, 0.4014, 0.4465 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 60.5731, 0.4014, 0.4465 by changing the saturation by 10% instead.

 60.5731, 0.4014,
0.4465

 60.5731, 0.4014,
0.4465


426.7070, 0.3619,
0.3919

 43.8807, 0.4094,
0.4583

 105.6606, 0.3884,
0.4279


 30.5768, 0.4185,
0.4723


 134.8245, 0.3831,
0.4206

 20.2768, 0.4286,
0.4888


 168.9143, 0.3784,
0.4142

 12.5964, 0.4391,
0.5078

 208.3146, 0.3743,
0.4086

 7.1512, 0.4561,
0.5382

253.4096, 0.3707,
0.4037

 3.5569, 0.4511,
0.5489

304.5837, 0.3674,

 1.4289, 0.4379,

0.3993

0.5621

362.2214, 0.3645,
0.3954

0.2379, 0.1320,
0.8680

0.0000, 0.0000,
0.0000

60.5731, 0.4014,
0.4465

60.5731, 0.4014,
0.4465

58.8274, 0.4153,
0.4624

62.4668, 0.3859,
0.4276

57.2113, 0.4271,
0.4743


64.5089, 0.3695,
0.4066

55.7161, 0.4361,
0.4818

66.7103, 0.3528,
0.3846


54.3276, 0.4424,
0.4848


69.0782, 0.3365,
0.3623


 53.7130, 0.4446,
0.4852

 71.6196, 0.3208,
0.3404

 74.3409, 0.3061,
0.3195

 77.2480, 0.2924,
0.2998

 78.8726, 0.2922,
0.3023

 80.4886, 0.2923,
0.3053

Harmonies

Analogous

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



60.5731, 0.4439, 0.4054



60.5731, 0.4014, 0.4465



60.5731, 0.3378, 0.4567

Triad

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



60.5731, 0.4014, 0.4465



60.5731, 0.1927, 0.2800



60.5731, 0.3455, 0.2584

Complementary

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



60.5731, 0.4014, 0.4465



20.2061, 0.2102, 0.1736

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.



60.5731, 0.2753, 0.2298



60.5731, 0.4014, 0.4465



60.5731, 0.1943, 0.2371

Square

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



60.5731, 0.4014, 0.4465



60.5731, 0.2188, 0.3478



60.5731, 0.2224, 0.2215



60.5731, 0.4125, 0.3020

Rectangle

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



60.5731, 0.4014, 0.4465



60.5731, 0.2925, 0.4368



60.5731, 0.2224, 0.2215



60.5731, 0.3212, 0.2469

Sweetspot

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



60.5759, 0.4014, 0.4465



93.9639, 0.3393, 0.3661



25.7118, 0.4558, 0.3107



19.9694, 0.3425, 0.3707



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.



60.5759, 0.4014, 0.4465



80.2583, 0.4168, 0.4639



62.4963, 0.3565, 0.4792



15.7088, 0.3270, 0.3492



32.0129, 0.4442, 0.4855



2.3049, 0.4398, 0.4890

Inverse Universe

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



20.2061, 0.2102, 0.1736



20.0912, 0.1895, 0.1390



20.1468, 0.2415, 0.1668



13.5298, 0.2981, 0.3080



3.7427, 0.1529, 0.0703



0.3542, 0.1589, 0.0921

Previews

White Background



This preview shows how the Yxy color 60.5731, 0.4014, 0.4465 looks on a white background.

Color Contrast Check

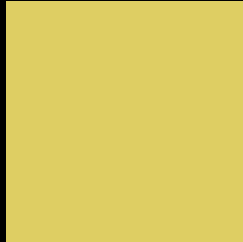
Large Text (above 18pt) WCAG AA × Fail

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 60.5731, 0.4014, 0.4465 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 60.5731, 0.4014, 0.4465

Background



This preview shows how black text looks on a background with the Yxy color 60.5731, 0.4014, 0.4465.

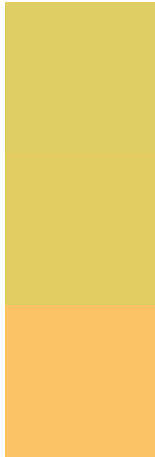


This preview shows how white text looks on a background with the Yxy color 60.5731, 0.4014, 0.4465.

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

60.5731, 0.4014, 0.4465

Protanopia

60.7322, 0.4054, 0.4440

Deuteranopia

60.4988, 0.4309, 0.4225



Tritanopia

60.3428, 0.3320, 0.3126

Trichromacy



Original Color

60.5731, 0.4014, 0.4465

Protanomaly

60.5710, 0.4045, 0.4444

Deuteranomaly

60.3117, 0.4197, 0.4312

Tritanomaly

59.7467, 0.3596, 0.3620

Monochromacy



Original Color

60.5731, 0.4014, 0.4465

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.1508, 0.3457, 0.3760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5731, 0.4014, 0.4465 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(222, 206, 99)` looks like.

```
.text, #text, p{  
  color:rgb(222, 206, 99)  
}
```

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(222, 206, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 99) }
```

Border

The CSS property to change the border of an element to Yxy 60.5731, 0.4014, 0.4465 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(222, 206, 99) }
```

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

```
.border{ border-color:rgb(222, 206, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 99);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5731, 0.4014, 0.4465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 99) }
```

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

```
.background{ background-color: rgb(222,  
206, 99) }
```

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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