

Converting Colors

Yxy(63.4145, 0.3867, 0.4514)

Have a look what the booklet for
Yxy(63.4145, 0.3867, 0.4514)
contains.

Yxy(63.4092, 0.3867, 0.4514)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.4092, 0.3867, 0.4514)

Conversions

Conversions Part 1

Format	Color
Hex	D6D669
RGB	214, 214, 105
RGB Percent	84%, 84%, 41%
CMY	0.1609, 0.1607, 0.5882
CMYK	0.00, 0.00, 0.51, 0.16
HSL	60°, 57%, 63%
HSV	60°, 51%, 84%
XYZ	54.3206, 63.4092, 22.7425
YIQ	201.5740, 34.9890, -33.8990

Conversions

Conversions Part 2

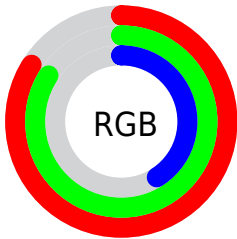
Format	Color
RYB	105, 214, 105
Decimal	14079593
CIELab	83.66, -14.62, 53.16
CIELCh	84, 55.132, 105.381
Yxy	63.4092, 0.3867, 0.4514
Android (android.graphics.Color)	4292269673 (0xFFD6D669)
YUV	201.5740, -47.6110, 10.8976
Hunter-Lab	79.6299, -17.5861, 38.8076

Details

The Yxy color **63.4092, 0.3867, 0.4514** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.9678, 0.2154, 0.1681**, and the grayscale version is **59.0683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2832, 0.3695, 0.4228**, and **32.2123, 0.4007, 0.4795** is the 20% darker color. If you saturate the color by 10%, you get **63.0245, 0.3980, 0.4702**, and if you desaturate by 10%, it is **63.9105, 0.3735, 0.4296**.

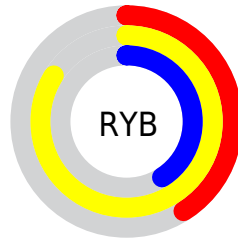
Distribution



Red (84%)

Green (84%)

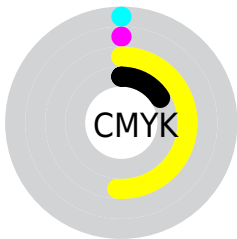
Blue (41%)



Red (41%)

Yellow (84%)

Blue (41%)

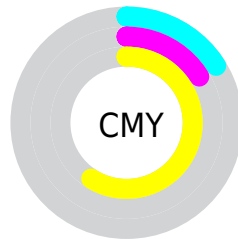


Cyan (0%)

Magenta (0%)

Yellow (51%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4092, 0.3867, 0.4514 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 63.4092, 0.3867, 0.4514 by changing the saturation by 10% instead.


 63.4092, 0.3867,
0.4514

 63.4092, 0.3867,
0.4514


437.0530, 0.3545,
0.3937


 46.1723, 0.3930,
0.4642


 109.7596, 0.3763,
0.4315


 32.3818, 0.4001,
0.4796


 139.6420, 0.3720,
0.4237

 21.6533, 0.4077,
0.4983


 174.5083, 0.3682,
0.4170

 13.6024, 0.4153,
0.5208

 214.7430, 0.3648,
0.4111

 7.8446, 0.4242,
0.5518

260.7304, 0.3618,
0.4060

 3.9957, 0.4209,
0.5791

312.8550, 0.3591,

 1.6712, 0.3977,

0.4014

0.6023

371.5010, 0.3567,
0.3974

0.4049, 0.0644,
0.9356

0.0000, 0.0000,
0.0000

63.4092, 0.3867,
0.4514

63.4092, 0.3867,
0.4514

63.0245, 0.3980,
0.4702

63.9105, 0.3735,
0.4296

62.7391, 0.4071,
0.4852

64.5272, 0.3591,
0.4058


62.5462, 0.4136,
0.4960

65.2691, 0.3441,
0.3809


62.4344, 0.4175,
0.5024


66.1427, 0.3289,
0.3558

 62.3846, 0.4192,
0.5053

 67.1539, 0.3141,
0.3312

 68.3082, 0.2999,
0.3078

 69.6110, 0.2865,
0.2857

 69.6240, 0.2864,
0.2855

 69.6256, 0.2865,
0.2855

Harmonies

Analogous

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



63.4092, 0.4353, 0.4162



63.4092, 0.3867, 0.4514



63.4092, 0.3213, 0.4506

Triad

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



63.4092, 0.3867, 0.4514



63.4092, 0.1917, 0.2678



63.4092, 0.3624, 0.2684

Complementary

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



63.4092, 0.3867, 0.4514



17.9678, 0.2154, 0.1681

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.



63.4092, 0.2915, 0.2359



63.4092, 0.3867, 0.4514



63.4092, 0.1997, 0.2319

Square

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



63.4092, 0.3867, 0.4514



63.4092, 0.2110, 0.3300



63.4092, 0.2338, 0.2225



63.4092, 0.4238, 0.3142

Rectangle

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



63.4092, 0.3867, 0.4514



63.4092, 0.2772, 0.4232



63.4092, 0.2338, 0.2225



63.4092, 0.3385, 0.2558

Sweetspot

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



63.4121, 0.3867, 0.4514



97.7734, 0.3353, 0.3663



25.4237, 0.4579, 0.3294



20.8686, 0.3385, 0.3717



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.



63.4121, 0.3867, 0.4514



93.6757, 0.3987, 0.4713



56.5447, 0.3426, 0.4725



14.5197, 0.3266, 0.3520



37.7013, 0.4192, 0.5053



2.2741, 0.4193, 0.5053

Inverse Universe

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



17.9678, 0.2154, 0.1681



18.9114, 0.1935, 0.1318



22.3843, 0.2627, 0.1861



12.0090, 0.2981, 0.3049



2.9351, 0.1500, 0.0600



0.1771, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 63.4092, 0.3867, 0.4514 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 63.4092, 0.3867, 0.4514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

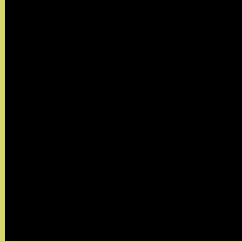
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4092, 0.3867, 0.4514

Background



This preview shows how black text looks on a background with the Yxy color 63.4092, 0.3867, 0.4514.



This preview shows how white text looks on a background with the Yxy color 63.4092, 0.3867, 0.4514.

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

63.4092, 0.3867, 0.4514

Protanopia

63.4032, 0.4039, 0.4424

Deuteranopia

63.2545, 0.4256, 0.4172



Tritanopia

63.4196, 0.3204, 0.3126

Trichromacy



Original Color

63.4092, 0.3867, 0.4514

Protanomaly

63.4353, 0.3972, 0.4457

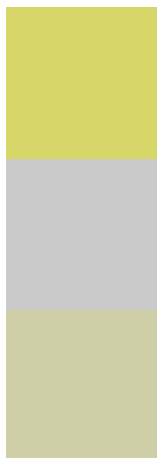
Deuteranomaly

62.8151, 0.4115, 0.4287

Tritanomaly

62.8068, 0.3473, 0.3633

Monochromacy



Original Color

63.4092, 0.3867, 0.4514

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.0544, 0.3410, 0.3757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4092, 0.3867, 0.4514 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(214, 214, 105)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 105)  
}
```

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(214, 214, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 105) }
```

Border

The CSS property to change the border of an element to Yxy 63.4092, 0.3867, 0.4514 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(214, 214, 105) }
```

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

```
.border{ border-color:rgb(214, 214, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 105);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4092, 0.3867, 0.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 105) }
```

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

```
.background{ background-color: rgb(214,  
214, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor