

Converting Colors

$Yxy(61.2438, 0.3540, 0.3866)$

Have a look what the booklet for
Yxy(61.2438, 0.3540, 0.3866)
contains.

Yxy(61.3904, 0.3539, 0.3865)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.3904, 0.3539, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	D6CF9E
RGB	214, 207, 158
RGB Percent	84%, 81%, 62%
CMY	0.1608, 0.1882, 0.3804
CMYK	0.00, 0.03, 0.26, 0.16
HSL	53°, 41%, 73%
HSV	53°, 26%, 84%
XYZ	56.2123, 61.3904, 41.2340
YIQ	203.5070, 19.9010, -13.7550

Conversions

Conversions Part 2

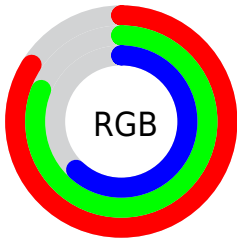
Format	Color
RYB	166, 214, 158
Decimal	14077854
CIELab	82.59, -5.25, 25.28
CIELCh	83, 25.822, 101.739
Yxy	61.3904, 0.3539, 0.3865
Android (android.graphics.Color)	4292267934 (0xFFD6CF9E)
YUV	203.5070, -22.4350, 9.2024
Hunter-Lab	78.3520, -9.0543, 23.6441

Details

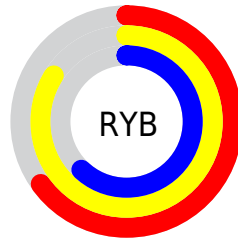
The Yxy color **61.3904, 0.3539, 0.3865** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0243, 0.2686, 0.2641**, and the grayscale version is **60.1912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **31.1940, 0.3643, 0.4017** is the 20% darker color. If you saturate the color by 10%, you get **59.4385, 0.3704, 0.4086**, and if you desaturate by 10%, it is **63.4980, 0.3376, 0.3641**.

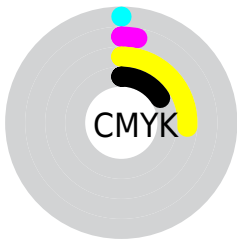
Distribution



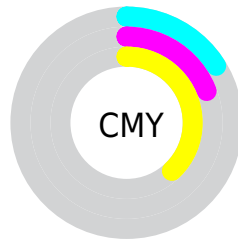
- Red (84%)
- Green (81%)
- Blue (62%)



- Red (65%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (3%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3904, 0.3539, 0.3865 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 61.3904, 0.3539, 0.3865 by changing the saturation by 10% instead.

61.3904, 0.3539,
0.3865

61.3904, 0.3539,
0.3865

429.7040, 0.3346,
0.3589

44.5403, 0.3583,
0.3930

106.8440, 0.3472,
0.3768

31.0955, 0.3638,
0.4011

136.2163, 0.3445,
0.3730

20.6716, 0.3707,
0.4115

170.5315, 0.3423,
0.3698

12.8842, 0.3795,
0.4253

210.1739, 0.3403,
0.3670

7.3488, 0.3912,
0.4442

255.5279, 0.3386,
0.3646

3.6812, 0.4067,
0.4711

306.9781, 0.3371,

1.4969, 0.4547,

0.3625

0.5453

364.9086, 0.3358,
0.3606

0.2865, 0.3346,
0.6654

0.0000, 0.0000,
0.0000

61.3904, 0.3539,
0.3865

61.3904, 0.3539,
0.3865

59.4385, 0.3704,
0.4086

63.4980, 0.3376,
0.3641

57.6271, 0.3866,
0.4295

65.7592, 0.3219,
0.3421

55.9518, 0.4019,
0.4483


68.1826, 0.3072,
0.3210

54.4043, 0.4155,
0.4639


70.7739, 0.2935,
0.3011

 52.9756, 0.4269,
0.4757


 72.8777, 0.2867,
0.2924


 51.6549, 0.4356,
0.4829

 74.2909, 0.2868,
0.2953

 50.4289, 0.4415,
0.4858

 75.7265, 0.2870,
0.2981

 49.9743, 0.4433,
0.4862

 77.1847, 0.2871,
0.3010

 78.6654, 0.2872,
0.3039

Harmonies

Analogous

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



61.3904, 0.3742, 0.3720



61.3904, 0.3539, 0.3865



61.3904, 0.3231, 0.3848

Triad

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



61.3904, 0.3539, 0.3865



61.3904, 0.2521, 0.3048



61.3904, 0.3331, 0.2962

Complementary

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



61.3904, 0.3539, 0.3865



39.0243, 0.2686, 0.2641

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.



61.3904, 0.2996, 0.2799



61.3904, 0.3539, 0.3865



61.3904, 0.2543, 0.2834

Square

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



61.3904, 0.3539, 0.3865



61.3904, 0.2650, 0.3352



61.3904, 0.2712, 0.2750



61.3904, 0.3622, 0.3204

Rectangle

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



61.3904, 0.3539, 0.3865



61.3904, 0.3011, 0.3737



61.3904, 0.2712, 0.2750



61.3904, 0.3219, 0.2896

Sweetspot

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



61.3932, 0.3539, 0.3865



97.1445, 0.3249, 0.3463



41.4813, 0.3609, 0.3200



20.6817, 0.3272, 0.3496



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.



61.3932, 0.3539, 0.3865



89.7902, 0.3624, 0.3980



61.9513, 0.3358, 0.3976



14.2436, 0.3269, 0.3492



30.3163, 0.4429, 0.4865



1.9042, 0.4383, 0.4902

Inverse Universe

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



39.0243, 0.2686, 0.2641



51.4765, 0.2587, 0.2491



38.8357, 0.2846, 0.2580



12.2555, 0.2981, 0.3079



3.4813, 0.1528, 0.0699



0.2942, 0.1593, 0.0936

Previews

White Background



This preview shows how the Yxy color 61.3904, 0.3539, 0.3865 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 61.3904, 0.3539, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

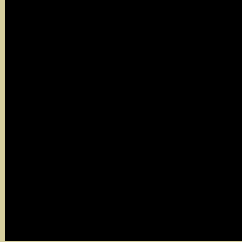
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

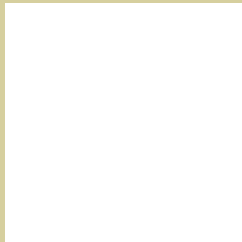
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3904, 0.3539, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 61.3904, 0.3539, 0.3865.



This preview shows how white text looks on a background with the Yxy color 61.3904, 0.3539, 0.3865.

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

61.3904, 0.3539, 0.3865

Protanopia

61.3126, 0.3602, 0.3845

Deuteranopia

61.1713, 0.3781, 0.3696



Tritanopia

61.1253, 0.3182, 0.3112

Trichromacy



Original Color

61.3904, 0.3539, 0.3865

Protanomaly

61.4824, 0.3582, 0.3859

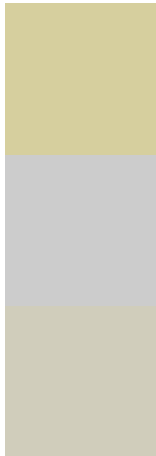
Deuteranomaly

61.2654, 0.3691, 0.3763

Tritanomaly

61.0415, 0.3312, 0.3382

Monochromacy



Original Color

61.3904, 0.3539, 0.3865

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6604, 0.3280, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3904, 0.3539, 0.3865 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, 207, 158)` looks like.

```
.text, #text, p{  
    color:rgb(214, 207, 158)  
}
```

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, 207, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 207, 158) }
```

Border

The CSS property to change the border of an element to Yxy 61.3904, 0.3539, 0.3865 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, 207, 158) }
```

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

```
.border{ border-color:rgb(214, 207, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 207, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 207, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 207, 158);  
box-shadow:4px 4px 4px 4px rgb(214, 207,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3904, 0.3539, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 207, 158) }
```

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

```
.background{ background-color: rgb(214,  
207, 158) }
```

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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