

Converting Colors

Yxy(61.9225, 0.3578, 0.4559)

Have a look what the booklet for
Yxy(61.9225, 0.3578, 0.4559)
contains.

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Color

Yxy(61.9225, 0.3578, 0.4559)

Conversions

Conversions Part 1

Format	Color
Hex	BBDA72
RGB	187, 218, 114
RGB Percent	73%, 85%, 45%
CMY	0.2667, 0.1451, 0.5530
CMYK	0.14, 0.00, 0.48, 0.15
HSL	78°, 58%, 65%
HSV	78°, 48%, 85%
XYZ	48.5981, 61.9225, 25.3041
YIQ	196.8750, 14.9080, -38.9160

Conversions

Conversions Part 2

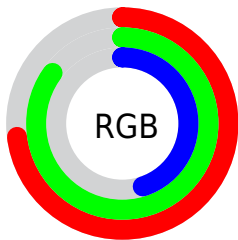
Format	Color
RYB	114, 218, 145
Decimal	12311154
CIELab	82.87, -26.35, 47.51
CIELCh	83, 54.327, 119.019
Yxy	61.9225, 0.3578, 0.4559
Android (android.graphics.Color)	4290501234 (0xFFBBDA72)
YUV	196.8750, -40.8574, -8.6604
Hunter-Lab	78.6909, -27.4705, 36.0181

Details

The Yxy color **61.9225, 0.3578, 0.4559** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **23.1136, 0.2474, 0.1884**, and the grayscale version is **55.9986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7596, 0.3575, 0.4164**, and **31.4477, 0.3651, 0.4889** is the 20% darker color. If you saturate the color by 10%, you get **60.6851, 0.3644, 0.4813**, and if you desaturate by 10%, it is **63.3209, 0.3496, 0.4288**.

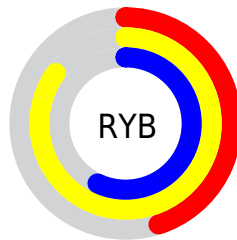
Distribution



Red (73%)

Green (85%)

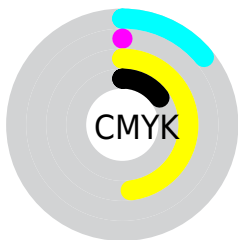
Blue (45%)



Red (45%)

Yellow (85%)

Blue (57%)

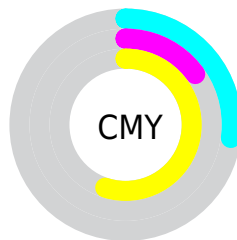


Cyan (14%)

Magenta (0%)

Yellow (48%)

Black (15%)



Cyan (27%)


Magenta (15%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9225, 0.3578, 0.4559 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 61.9225, 0.3578, 0.4559 by changing the saturation by 10% instead.


 61.9225, 0.3578,
0.4559


 61.9225, 0.3578,
0.4559


431.6483, 0.3391,
0.3938

 44.9701, 0.3612,
0.4706


 107.6135, 0.3520,
0.4339

 31.4339, 0.3647,
0.4887


 137.1209, 0.3495,
0.4254

 20.9294, 0.3680,
0.5117


 171.5821, 0.3473,
0.4182

 13.0724, 0.3702,
0.5411

211.3814, 0.3453,
0.4120

 7.4784, 0.3696,
0.5806

256.9033, 0.3435,
0.4065

 3.7631, 0.3626,
0.6374

308.5322, 0.3419,

 1.5419, 0.3156,

0.4018

0.6844

366.6524, 0.3404,
0.3975

0.3180, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.9225, 0.3578,
0.4559

61.9225, 0.3578,
0.4559

60.6851, 0.3644,
0.4813

63.3209, 0.3496,
0.4288

59.5913, 0.3689,
0.5038

64.8801, 0.3403,
0.4013

58.6337, 0.3710,
0.5222


66.6105, 0.3305,
0.3741

57.8005, 0.3706,
0.5360

68.5189, 0.3204,
0.3480


 57.0754, 0.3678,
0.5450


 70.6121, 0.3105,
0.3236

 56.9191, 0.3670,
0.5468

 72.8960, 0.3009,
0.3009

 74.6076, 0.2989,
0.2913

 75.7192, 0.3033,
0.2918

 76.8714, 0.3078,
0.2923

Harmonies

Analogous

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



61.9225, 0.4158, 0.4346



61.9225, 0.3578, 0.4559



61.9225, 0.2910, 0.4333

Triad

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



61.9225, 0.3578, 0.4559



61.9225, 0.1927, 0.2486



61.9225, 0.3927, 0.2883

Complementary

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



61.9225, 0.3578, 0.4559



23.1136, 0.2474, 0.1884

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.



61.9225, 0.3232, 0.2491



61.9225, 0.3578, 0.4559



61.9225, 0.2126, 0.2252

Square

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



61.9225, 0.3578, 0.4559



61.9225, 0.1995, 0.2992



61.9225, 0.2578, 0.2265



61.9225, 0.4405, 0.3375

Rectangle

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



61.9225, 0.3578, 0.4559



61.9225, 0.2507, 0.3939



61.9225, 0.2578, 0.2265



61.9225, 0.3706, 0.2737

Sweetspot

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



61.9253, 0.3578, 0.4559



95.9464, 0.3268, 0.3646



35.9038, 0.4253, 0.3649



20.4127, 0.3290, 0.3703



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.



61.9253, 0.3578, 0.4559



86.5830, 0.3643, 0.4808



56.6406, 0.3201, 0.4727



15.0588, 0.3221, 0.3524



34.1552, 0.3678, 0.5462



2.2566, 0.3765, 0.5393

Inverse Universe

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



23.1136, 0.2474, 0.1884



25.0690, 0.2305, 0.1574



28.7579, 0.2955, 0.2058



12.8045, 0.3027, 0.3052



3.7553, 0.1704, 0.0712



0.2874, 0.1881, 0.0810

Previews

White Background



This preview shows how the Yxy color 61.9225, 0.3578, 0.4559 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 61.9225, 0.3578, 0.4559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

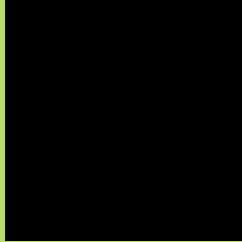
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9225, 0.3578, 0.4559

Background



This preview shows how black text looks on a background with the Yxy color 61.9225, 0.3578, 0.4559.



This preview shows how white text looks on a background with the Yxy color 61.9225, 0.3578, 0.4559.

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

61.9225, 0.3578, 0.4559

Protanopia

61.5993, 0.3988, 0.4343

Deuteranopia

61.3210, 0.4186, 0.4084



Tritanopia

61.8340, 0.2981, 0.3106

Trichromacy



Original Color

61.9225, 0.3578, 0.4559

Protanomaly

61.2379, 0.3835, 0.4426

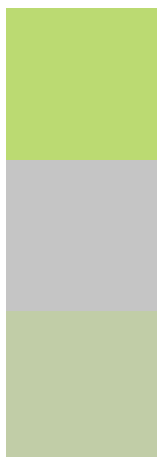
Deuteranomaly

60.9641, 0.3962, 0.4252

Tritanomaly

61.2478, 0.3210, 0.3616

Monochromacy



Original Color

61.9225, 0.3578, 0.4559

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.7901, 0.3307, 0.3762

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9225, 0.3578, 0.4559 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(187, 218, 114)` looks like.

```
.text, #text, p{  
    color:rgb(187, 218, 114)  
}
```

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(187, 218, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 218, 114) }
```

Border

The CSS property to change the border of an element to Yxy 61.9225, 0.3578, 0.4559 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(187, 218, 114) }
```

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

```
.border{ border-color:rgb(187, 218, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 218, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 218, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 218, 114);  
box-shadow:4px 4px 4px 4px rgb(187, 218,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9225, 0.3578, 0.4559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 218, 114) }
```

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

```
.background{ background-color: rgb(187,  
218, 114) }
```

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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