

Converting Colors

$Yxy(62.0232, 0.3562, 0.4601)$

Have a look what the booklet for
Yxy(62.0232, 0.3562, 0.4601)
contains.

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Color

Yxy(62.0232, 0.3562, 0.4601)

Conversions

Conversions Part 1

Format	Color
Hex	B8DB70
RGB	184, 219, 112
RGB Percent	72%, 86%, 44%
CMY	0.2785, 0.1411, 0.5609
CMYK	0.16, 0.00, 0.49, 0.14
HSL	80°, 60%, 65%
HSV	80°, 49%, 86%
XYZ	48.0171, 62.0232, 24.7634
YIQ	196.3370, 13.4870, -40.6970

Conversions

Conversions Part 2

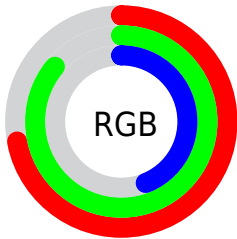
Format	Color
RYB	112, 219, 147
Decimal	12114800
CIELab	82.93, -28.18, 48.48
CIElCh	83, 56.078, 120.172
Yxy	62.0232, 0.3562, 0.4601
Android (android.graphics.Color)	4290304880 (0xFFB8DB70)
YUV	196.3370, -41.5781, -10.8195
Hunter-Lab	78.7548, -28.9888, 36.4854

Details

The Yxy color **62.0232, 0.3562, 0.4601** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **22.9042, 0.2482, 0.1857**, and the grayscale version is **55.6607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1504, 0.3566, 0.4190**, and **31.5443, 0.3626, 0.4942** is the 20% darker color. If you saturate the color by 10%, you get **60.7330, 0.3621, 0.4857**, and if you desaturate by 10%, it is **63.4824, 0.3487, 0.4327**.

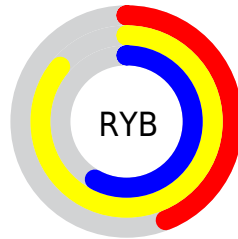
Distribution



Red (72%)

Green (86%)

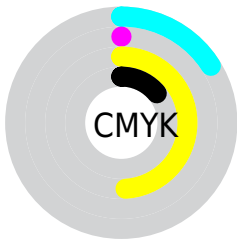
Blue (44%)



Red (44%)

Yellow (86%)

Blue (58%)

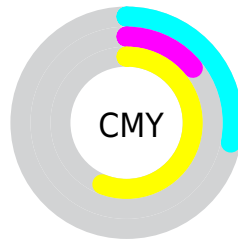


Cyan (16%)

Magenta (0%)

Yellow (49%)

Black (14%)



Cyan (28%)


Magenta (14%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0232, 0.3562, 0.4601 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 62.0232, 0.3562, 0.4601 by changing the saturation by 10% instead.

 62.0232, 0.3562,
0.4601


 62.0232, 0.3562,
0.4601


432.0157, 0.3385,
0.3958


 45.0514, 0.3592,
0.4753


 107.7591, 0.3508,
0.4373

 31.4979, 0.3623,
0.4941


 137.2920, 0.3484,
0.4285

 20.9783, 0.3650,
0.5179

 171.7807, 0.3463,
0.4211

 13.1082, 0.3663,
0.5484

 211.6097, 0.3444,
0.4146

 7.5031, 0.3646,
0.5899

257.1632, 0.3427,
0.4090

 3.7787, 0.3538,
0.6462

308.8259, 0.3412,

 1.5505, 0.3024,

0.4041

0.6976

366.9819, 0.3397,
0.3997

■ 0.3239, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0232, 0.3562,
0.4601

■ 62.0232, 0.3562,
0.4601

■ 60.7330, 0.3621,
0.4857

■ 63.4824, 0.3487,
0.4327

■ 59.5942, 0.3658,
0.5084

■ 65.1109, 0.3400,
0.4048


■ 58.5989, 0.3672,
0.5270


■ 66.9193, 0.3307,
0.3773

■ 57.7345, 0.3660,
0.5407


■ 68.9148, 0.3211,
0.3510


 56.9822, 0.3626,
0.5497

 71.1042, 0.3117,
0.3263

 56.9015, 0.3622,
0.5506

 73.4941, 0.3025,
0.3035

 75.4099, 0.3000,
0.2924

 76.6494, 0.3049,
0.2930

 77.9386, 0.3099,
0.2935

Harmonies

Analogous

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



62.0232, 0.4166, 0.4389



62.0232, 0.3562, 0.4601



62.0232, 0.2876, 0.4351

Triad

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



62.0232, 0.3562, 0.4601



62.0232, 0.1898, 0.2447



62.0232, 0.3977, 0.2888

Complementary

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



62.0232, 0.3562, 0.4601



22.9042, 0.2482, 0.1857

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.



62.0232, 0.3262, 0.2482



62.0232, 0.3562, 0.4601



62.0232, 0.2112, 0.2219

Square

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



62.0232, 0.3562, 0.4601



62.0232, 0.1955, 0.2955



62.0232, 0.2583, 0.2243



62.0232, 0.4456, 0.3394

Rectangle

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



62.0232, 0.3562, 0.4601



62.0232, 0.2465, 0.3933



62.0232, 0.2583, 0.2243



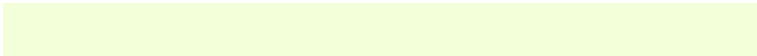
62.0232, 0.3751, 0.2738

Sweetspot

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



62.0260, 0.3562, 0.4601



95.4785, 0.3271, 0.3673



36.7504, 0.4269, 0.3700



20.3110, 0.3292, 0.3730



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.



62.0260, 0.3562, 0.4601



85.6158, 0.3624, 0.4873



56.7128, 0.3177, 0.4778



15.0392, 0.3217, 0.3524



33.7971, 0.3630, 0.5500



2.2355, 0.3724, 0.5425

Inverse Universe

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



22.9042, 0.2482, 0.1857



24.0828, 0.2304, 0.1526



28.8947, 0.2985, 0.2042



12.8232, 0.3032, 0.3052



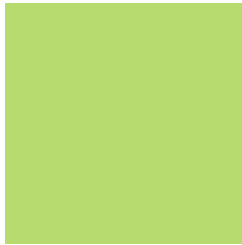
3.8958, 0.1741, 0.0733



0.2983, 0.1922, 0.0833

Previews

White Background



This preview shows how the Yxy color 62.0232, 0.3562, 0.4601 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 62.0232, 0.3562, 0.4601 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 62.0232, 0.3562, 0.4601

Background



This preview shows how black text looks on a background with the Yxy color 62.0232, 0.3562, 0.4601.



This preview shows how white text looks on a background with the Yxy color 62.0232, 0.3562, 0.4601.

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

62.0232, 0.3562, 0.4601

Protanopia

61.5562, 0.4001, 0.4362

Deuteranopia

61.2971, 0.4193, 0.4093



Tritanopia

61.9591, 0.2953, 0.3105

Trichromacy



Original Color

62.0232, 0.3562, 0.4601

Protanomaly

61.5415, 0.3834, 0.4459

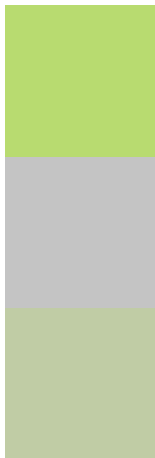
Deuteranomaly

60.7776, 0.3960, 0.4266

Tritanomaly

61.3449, 0.3186, 0.3630

Monochromacy



Original Color

62.0232, 0.3562, 0.4601

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

57.1088, 0.3315, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0232, 0.3562, 0.4601 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(184, 219, 112)` looks like.

```
.text, #text, p{  
    color:rgb(184, 219, 112)  
}
```

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(184, 219, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 219, 112) }
```

Border

The CSS property to change the border of an element to Yxy 62.0232, 0.3562, 0.4601 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(184, 219, 112) }
```

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

```
.border{ border-color:rgb(184, 219, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 219, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 219, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 219, 112);  
box-shadow:4px 4px 4px 4px rgb(184, 219,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0232, 0.3562, 0.4601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 219, 112) }
```

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

```
.background{ background-color: rgb(184,  
219, 112) }
```

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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