

Converting Colors

$Yxy(62.4977, 0.3264, 0.4161)$

Have a look what the booklet for
Yxy(62.4977, 0.3264, 0.4161)
contains.

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Color

Yxy(62.6509, 0.3261, 0.4162)

Conversions

Conversions Part 1

Format	Color
Hex	B0DC97
RGB	176, 220, 151
RGB Percent	69%, 86%, 59%
CMY	0.3097, 0.1373, 0.4078
CMYK	0.20, 0.00, 0.31, 0.14
HSL	98°, 50%, 73%
HSV	98°, 31%, 86%
XYZ	49.0881, 62.6509, 38.7918
YIQ	198.9780, -4.0750, -30.7870

Conversions

Conversions Part 2

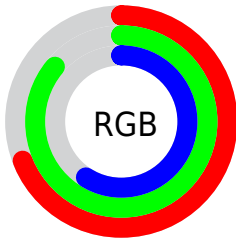
Format	Color
RYB	151, 220, 195
Decimal	11590807
CIELab	83.26, -26.68, 29.35
CIELCh	83, 39.666, 132.269
Yxy	62.6509, 0.3261, 0.4162
Android (android.graphics.Color)	4289780887 (0xFFB0DC97)
YUV	198.9780, -23.6532, -20.1517
Hunter-Lab	79.1523, -27.8158, 26.3492

Details

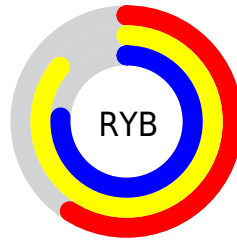
The Yxy color **62.6509, 0.3261, 0.4162** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.9094, 0.2939, 0.2460**, and the grayscale version is **57.2528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1320, 0.3267, 0.3794**, and **31.9487, 0.3278, 0.4413** is the 20% darker color. If you saturate the color by 10%, you get **60.4523, 0.3293, 0.4478**, and if you desaturate by 10%, it is **65.1572, 0.3222, 0.3860**.

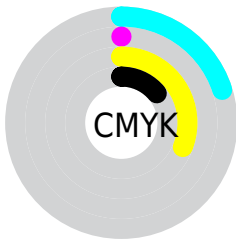
Distribution



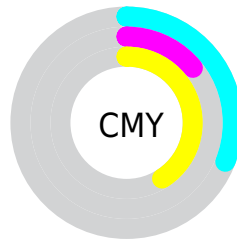
- Red (69%)
- Green (86%)
- Blue (59%)



- Red (59%)
- Yellow (86%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (31%)
- Black (14%)




- Cyan (31%)
- Magenta (14%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6509, 0.3261, 0.4162 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 62.6509, 0.3261, 0.4162 by changing the saturation by 10% instead.

 62.6509, 0.3261,
0.4162

 62.6509, 0.3261,
0.4162


434.3014, 0.3209,
0.3730

 45.5588, 0.3270,
0.4268


 108.6657, 0.3245,
0.4006

 31.8978, 0.3278,
0.4402


 138.3573, 0.3239,
0.3948

 21.2835, 0.3285,
0.4577

173.0174, 0.3232,
0.3898

 13.3314, 0.3287,
0.4815

213.0306, 0.3227,
0.3855

 7.6571, 0.3274,
0.5154

258.7812, 0.3222,
0.3817

 3.8763, 0.3224,
0.5676

310.6536, 0.3217,

 1.6046, 0.3167,

0.3785

0.6833

369.0322, 0.3213,
0.3756

0.3607, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.6509, 0.3261,
0.4162

62.6509, 0.3261,
0.4162

60.4523, 0.3293,
0.4478

65.1572, 0.3222,
0.3860

58.5409, 0.3314,
0.4795

67.9750, 0.3179,
0.3579

56.9057, 0.3321,
0.5099

71.1179, 0.3133,
0.3323

55.5321, 0.3311,
0.5372

74.5964, 0.3088,
0.3092

■ 54.4036, 0.3283,
0.5594

■ 78.0268, 0.3082,
0.2943

■ 53.5013, 0.3239,
0.5755

■ 79.6661, 0.3143,
0.2950

■ 52.8799, 0.3193,
0.5847

Harmonies

Analogous

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



62.6509, 0.3732, 0.4168



62.6509, 0.3261, 0.4162



62.6509, 0.2776, 0.3854

Triad

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



62.6509, 0.3261, 0.4162



62.6509, 0.2264, 0.2595



62.6509, 0.3891, 0.3156

Complementary

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



62.6509, 0.3261, 0.4162



38.9094, 0.2939, 0.2460

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.



62.6509, 0.3440, 0.2808



62.6509, 0.3261, 0.4162



62.6509, 0.2509, 0.2490

Square

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



62.6509, 0.3261, 0.4162



62.6509, 0.2226, 0.2899



62.6509, 0.2929, 0.2571



62.6509, 0.4121, 0.3553

Rectangle

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



62.6509, 0.3261, 0.4162



62.6509, 0.2510, 0.3535



62.6509, 0.2929, 0.2571



62.6509, 0.3758, 0.3031

Sweetspot

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



62.6536, 0.3261, 0.4162



95.9387, 0.3168, 0.3518



56.3498, 0.3681, 0.3803



20.4019, 0.3175, 0.3557



0.0000, 0.0000, 0.0000



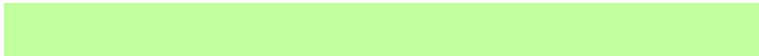
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.6536, 0.3261, 0.4162



85.3582, 0.3284, 0.4381



60.3132, 0.3028, 0.4084



14.8348, 0.3170, 0.3528



31.0924, 0.3204, 0.5838



2.0620, 0.3332, 0.5736

Inverse Universe

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



38.9094, 0.2939, 0.2460



46.9051, 0.2885, 0.2264



42.0488, 0.3245, 0.2608



13.0267, 0.3080, 0.3055



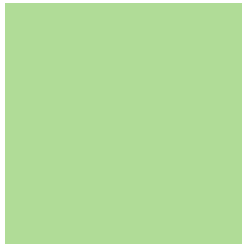
6.3835, 0.2320, 0.1052



0.4616, 0.2466, 0.1132

Previews

White Background



This preview shows how the Yxy color 62.6509, 0.3261, 0.4162 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 62.6509, 0.3261, 0.4162 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 62.6509, 0.3261, 0.4162

Background



This preview shows how black text looks on a background with the Yxy color 62.6509, 0.3261, 0.4162.



This preview shows how white text looks on a background with the Yxy color 62.6509, 0.3261, 0.4162.

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

62.6509, 0.3261, 0.4162

Protanopia

62.3580, 0.3709, 0.3998

Deuteranopia

62.0216, 0.3835, 0.3745



Tritanopia

62.3306, 0.2859, 0.3091

Trichromacy



Original Color

62.6509, 0.3261, 0.4162

Protanomaly

62.3154, 0.3539, 0.4064

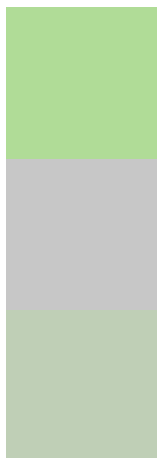
Deuteranomaly

61.5358, 0.3613, 0.3892

Tritanomaly

62.4070, 0.3011, 0.3472

Monochromacy



Original Color

62.6509, 0.3261, 0.4162

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

59.0794, 0.3181, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6509, 0.3261, 0.4162 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(176, 220, 151)` looks like.

```
.text, #text, p{  
    color:rgb(176, 220, 151)  
}
```

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(176, 220, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 220, 151) }
```

Border

The CSS property to change the border of an element to Yxy 62.6509, 0.3261, 0.4162 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(176, 220, 151) }
```

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

```
.border{ border-color:rgb(176, 220, 151) }
```

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

Here you see how a box with a 4 pixel rgb(176, 220, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 220, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 220, 151);  
box-shadow:4px 4px 4px 4px rgb(176, 220,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6509, 0.3261, 0.4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 220, 151) }
```

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

```
.background{ background-color: rgb(176,  
220, 151) }
```

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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