

Converting Colors

Yxy(62.6540, 0.3312, 0.4141)

Have a look what the booklet for
Yxy(62.6540, 0.3312, 0.4141)
contains.

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Color

Yxy(62.8425, 0.3307, 0.4139)

Conversions

Conversions Part 1

Format	Color
Hex	B6DB97
RGB	182, 219, 151
RGB Percent	71%, 86%, 59%
CMY	0.2863, 0.1412, 0.4077
CMYK	0.17, 0.00, 0.31, 0.14
HSL	93°, 49%, 73%
HSV	93°, 31%, 86%
XYZ	50.2102, 62.8425, 38.7774
YIQ	200.1850, -0.2240, -28.9920

Conversions

Conversions Part 2

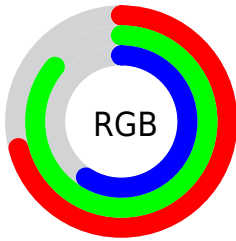
Format	Color
RYB	151, 219, 188
Decimal	11983767
CIELab	83.36, -24.08, 29.54
CIElCh	83, 38.115, 129.183
Yxy	62.8425, 0.3307, 0.4139
Android (android.graphics.Color)	4290173847 (0xFFB6DB97)
YUV	200.1850, -24.2482, -15.9482
Hunter-Lab	79.2733, -25.6696, 26.4889

Details

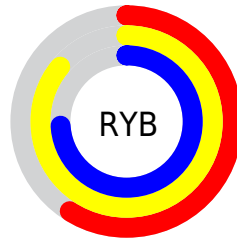
The Yxy color **62.8425, 0.3307, 0.4139** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.9581, 0.2886, 0.2456**, and the grayscale version is **58.0338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3270, 0.3312, 0.3787**, and **32.0410, 0.3339, 0.4379** is the 20% darker color. If you saturate the color by 10%, you get **60.8076, 0.3354, 0.4444**, and if you desaturate by 10%, it is **65.1387, 0.3252, 0.3845**.

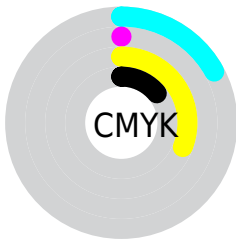
Distribution



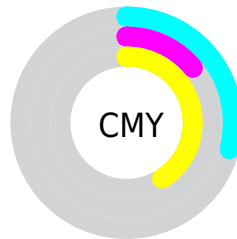
- Red (71%)
- Green (86%)
- Blue (59%)



- Red (59%)
- Yellow (86%)
- Blue (74%)



- Cyan (17%)
- Magenta (0%)
- Yellow (31%)
- Black (14%)




- Cyan (29%)
- Magenta (14%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8425, 0.3307, 0.4139 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 62.8425, 0.3307, 0.4139 by changing the saturation by 10% instead.

 62.8425, 0.3307,
0.4139

 62.8425, 0.3307,
0.4139


434.9977, 0.3232,
0.3720

 45.7138, 0.3321,
0.4241

 108.9423, 0.3283,
0.3989

 32.0200, 0.3337,
0.4370


 138.6821, 0.3273,
0.3932

 21.3768, 0.3353,
0.4538


173.3945, 0.3264,
0.3883

 13.3997, 0.3367,
0.4765

213.4637, 0.3257,
0.3841

 7.7044, 0.3372,
0.5087

259.2743, 0.3250,
0.3805

 3.9064, 0.3350,
0.5579

311.2105, 0.3243,

 1.6213, 0.3353,

0.3773

0.6647

369.6569, 0.3237,
0.3745

0.3719, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.8425, 0.3307,
0.4139

62.8425, 0.3307,
0.4139

60.8076, 0.3354,
0.4444

65.1387, 0.3252,
0.3845

59.0154, 0.3389,
0.4748


67.6978, 0.3194,
0.3569

57.4574, 0.3409,
0.5038


70.5316, 0.3133,
0.3315


56.1213, 0.3410,
0.5298


73.6488, 0.3074,
0.3084

 54.9934, 0.3389,
0.5511

 76.6957, 0.3051,
0.2930

 54.0577, 0.3348,
0.5667

 78.8708, 0.3133,
0.2939

 53.3601, 0.3300,
0.5762

 79.1451, 0.3144,
0.2940

Harmonies

Analogous

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



62.8425, 0.3750, 0.4119



62.8425, 0.3307, 0.4139



62.8425, 0.2836, 0.3872

Triad

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



62.8425, 0.3307, 0.4139



62.8425, 0.2282, 0.2644



62.8425, 0.3823, 0.3124

Complementary

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



62.8425, 0.3307, 0.4139



37.9581, 0.2886, 0.2456

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.



62.8425, 0.3378, 0.2796



62.8425, 0.3307, 0.4139



62.8425, 0.2500, 0.2521

Square

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



62.8425, 0.3307, 0.4139



62.8425, 0.2268, 0.2956



62.8425, 0.2890, 0.2581



62.8425, 0.4071, 0.3506

Rectangle

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



62.8425, 0.3307, 0.4139



62.8425, 0.2569, 0.3575



62.8425, 0.2890, 0.2581



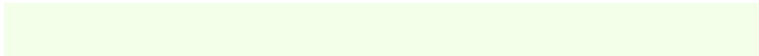
62.8425, 0.3690, 0.3006

Sweetspot

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



62.8452, 0.3307, 0.4139



96.3154, 0.3182, 0.3517



52.9590, 0.3698, 0.3721



20.4945, 0.3191, 0.3556



0.0000, 0.0000, 0.0000



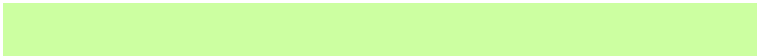
21.4041, 0.3127, 0.3290

Same Dimension

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



62.8452, 0.3307, 0.4139



86.8650, 0.3338, 0.4330



59.5582, 0.3071, 0.4168



14.8952, 0.3184, 0.3527



31.7021, 0.3311, 0.5753



2.1046, 0.3438, 0.5652

Inverse Universe

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



37.9581, 0.2886, 0.2456



46.5886, 0.2824, 0.2272



42.2027, 0.3183, 0.2545



12.9647, 0.3066, 0.3054



5.4347, 0.2117, 0.0940



0.4031, 0.2287, 0.1033

Previews

White Background



This preview shows how the Yxy color 62.8425, 0.3307, 0.4139 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 62.8425, 0.3307, 0.4139 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 62.8425, 0.3307, 0.4139

Background



This preview shows how black text looks on a background with the Yxy color 62.8425, 0.3307, 0.4139.



This preview shows how white text looks on a background with the Yxy color 62.8425, 0.3307, 0.4139.

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

62.8425, 0.3307, 0.4139

Protanopia

62.5483, 0.3710, 0.3984

Deuteranopia

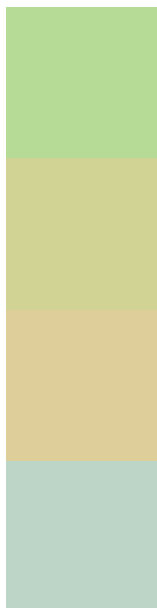
62.4465, 0.3839, 0.3766



Tritanopia

62.4294, 0.2899, 0.3093

Trichromacy



Original Color

62.8425, 0.3307, 0.4139

Protanomaly

62.2820, 0.3559, 0.4035

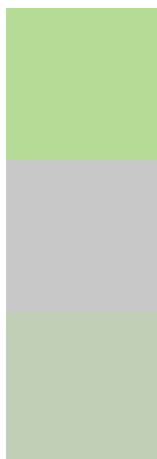
Deuteranomaly

61.8479, 0.3629, 0.3889

Tritanomaly

62.5308, 0.3047, 0.3458

Monochromacy



Original Color

62.8425, 0.3307, 0.4139

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.3405, 0.3197, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8425, 0.3307, 0.4139 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(182, 219, 151)` looks like.

```
.text, #text, p{  
    color:rgb(182, 219, 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(182, 219, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 219, 151) }
```

Border

The CSS property to change the border of an element to Yxy 62.8425, 0.3307, 0.4139 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(182, 219, 151) }
```

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

```
.border{ border-color:rgb(182, 219, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 219, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 219, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 219, 151);  
box-shadow:4px 4px 4px 4px rgb(182, 219,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8425, 0.3307, 0.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 219, 151) }
```

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

```
.background{ background-color: rgb(182,  
219, 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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