Converting Colors

Yxy(62.4124, 0.3383, 0.4140)

Have a look what the booklet for Yxy(62.4124, 0.3383, 0.4140) contains.

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Color

Yxy(62.5826, 0.3384, 0.4141)

Conversions

Conversions Part 1

Format	Color
Hex	BDD994
RGB	189, 217, 148
RGB Percent	74%, 85%, 58%
CMY	0.2589, 0.1490, 0.4196
CMYK	0.13, 0.00, 0.32, 0.15
HSL	84°, 48%, 72%
HSV	84°, 32%, 85%
XYZ	51.1421, 62.5826, 37.4045
YIQ	200.7620, 5.4610, -27.3950

Conversions

Conversions Part 2

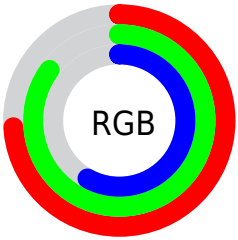
Format	Color
RYB	148, 217, 176
Decimal	12442004
CIELab	83.22, -21.00, 31.00
CIELCh	83, 37.447, 124.120
Yxy	62.5826, 0.3384, 0.4141
Android (android.graphics.Color)	4290632084 (0xFFBDD994)
YUV	200.7620, -26.0117, -10.3153
Hunter-Lab	79.1092, -23.0452, 27.3429

Details

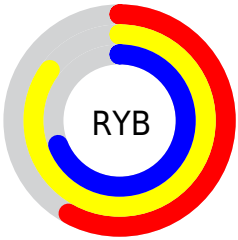
The Yxy color 62.5826, 0.3384, 0.4141 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 35.4272, 0.2795, 0.2414, and the grayscale version is 58.4154, 0.3127, 0.3290.

A 20% lighter version of the original color is 95.4246, 0.3376, 0.3810, and 31.8546, 0.3431, 0.4360 is the 20% darker color. If you saturate the color by 10%, you get 60.8682, 0.3454, 0.4429, and if you desaturate by 10%, it is 64.4998, 0.3306, 0.3858.

Distribution

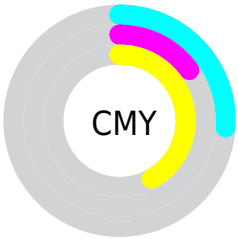


- Red (74%)
- Green (85%)
- Blue (58%)



- Red (58%)
- Yellow (85%)
- Blue (69%)

- Cyan (13%)
- Magenta (0%)
- Yellow (32%)
- Black (15%)



- Cyan (26%)
- Magenta (15%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5826, 0.3384, 0.4141 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 62.5826, 0.3384, 0.4141 by changing the saturation by 10% instead.

62.5826, 0.3384, 0.4141

62.5826, 0.3384, 0.4141

434.0531, 0.3272, 0.3723

45.5036, 0.3407, 0.4242

108.5671, 0.3347, 0.3991

31.8543, 0.3433, 0.4369

138.2414, 0.3332, 0.3935

21.2502, 0.3462, 0.4535

172.8830, 0.3319, 0.3886

13.3070, 0.3494, 0.4757

212.8762, 0.3308, 0.3845

7.6403, 0.3522, 0.5067

258.6054, 0.3297, 0.3808

3.8657, 0.3543, 0.5550

310.4550, 0.3288,

1.5987, 0.3548,

0.3776

0.6452

368.8094, 0.3280, 0.3748

0.3567, 0.0000, 1.0000

0.0000, 0.0000, 0.0000

62.5826, 0.3384, 0.4141

62.5826, 0.3384, 0.4141

60.8682, 0.3454, 0.4429

64.4998, 0.3306, 0.3858

59.3401, 0.3511, 0.4712

66.6194, 0.3224, 0.3587

57.9916, 0.3551, 0.4976

68.9515, 0.3142, 0.3333

56.8128, 0.3569, 0.5207

71.5030, 0.3061, 0.3100

55.7921, 0.3563, 0.5394

54.9159, 0.3533, 0.5529

54.2871, 0.3496, 0.5606

74.1826, 0.2993, 0.2903

75.7037, 0.3053, 0.2910

77.2999, 0.3114, 0.2917

78.1100, 0.3145, 0.2920

Harmonies

Analogous

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

62.5826, 0.3803, 0.4077

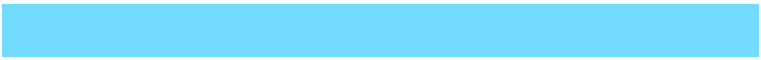
62.5826, 0.3384, 0.4141

62.5826, 0.2916, 0.3924

Triad

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

62.5826, 0.3384, 0.4141



62.5826, 0.2278, 0.2693

62.5826, 0.3748, 0.3067

Complementary

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

62.5826, 0.3384, 0.4141

35.4272, 0.2795, 0.2414

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.

62.5826, 0.3292, 0.2759

62.5826, 0.3384, 0.4141

62.5826, 0.2460, 0.2540

Square

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

62.5826, 0.3384, 0.4141

62.5826, 0.2298, 0.3031

62.5826, 0.2820, 0.2569

62.5826, 0.4033, 0.3439

Rectangle

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

62.5826, 0.3384, 0.4141

62.5826, 0.2639, 0.3649

62.5826, 0.2820, 0.2569

62.5826, 0.3608, 0.2954

Sweetspot

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

62.5853, 0.3384, 0.4141

96.5535, 0.3210, 0.3542

47.7891, 0.3748, 0.3625

20.5682, 0.3222, 0.3579

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.

62.5853, 0.3384, 0.4141

88.5370, 0.3431, 0.4330

58.7281, 0.3131, 0.4212

14.9865, 0.3205, 0.3525

32.9229, 0.3505, 0.5599

2.1827, 0.3616, 0.5511

Inverse Universe

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

35.4272, 0.2795, 0.2414

43.6397, 0.2709, 0.2212

39.9108, 0.3101, 0.2489

12.8740, 0.3044, 0.3053

4.3506, 0.1859, 0.0798

0.3313, 0.2044, 0.0900

Previews

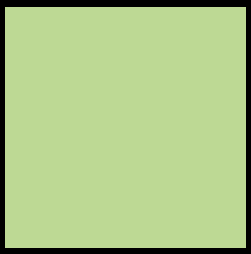
White Background

This preview shows how the Yxy color 62.5826, 0.3384, 0.4141 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



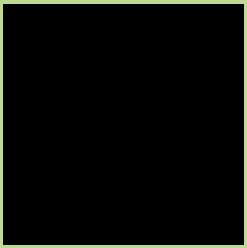
This preview shows how the Yxy color 62.5826, 0.3384, 0.4141 looks on a black background.

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 62.5826, 0.3384, 0.4141 Background



This preview shows how black text looks on a background with the Yxy color 62.5826, 0.3384, 0.4141.

This preview shows how white text looks on a background with the Yxy color 62.5826, 0.3384, 0.4141.

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
62.5826, 0.3384, 0.4141

Protanopia
62.4866, 0.3725, 0.4007

Deuteranopia
62.0676, 0.3875, 0.3786

Tritanopia
62.2868, 0.2960, 0.3095

Trichromacy

Original Color
62.5826, 0.3384, 0.4141

Protanomaly
62.4817, 0.3596, 0.4066

Deuteranomaly
61.9046, 0.3688, 0.3905

Tritanomaly
62.3098, 0.3119, 0.3469

Monochromacy

Original Color
62.5826, 0.3384, 0.4141

Achromatopsia
58.4078, 0.3127, 0.3290

Achromatomaly
59.8734, 0.3228, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5826, 0.3384, 0.4141 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(189, 217, 148) looks like.

```
.text, #text, p{
    color:rgb(189, 217, 148)
}
```

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(189, 217, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 217, 148) }
```

Border

The CSS property to change the border of an element to Yxy 62.5826, 0.3384, 0.4141 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(189, 217, 148) }
```

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

```
.border{ border-color:rgb(189, 217, 148) }
```

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

Here you see how a box with a 4 pixel rgb(189, 217, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 217, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 217, 148); box-shadow:4px 4px 4px 4px rgb(189, 217, 148) }
```

Background

The CSS property to change the background color of an element to Yxy 62.5826, 0.3384, 0.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(189, 217, 148) }
```

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

```
.background{ background-color:rgb(189,
217, 148) }
```

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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