

Converting Colors

Yxy(64.2408, 0.3048, 0.3647)

Have a look what the booklet for
Yxy(64.2408, 0.3048, 0.3647)
contains.

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Color

Yxy(64.2045, 0.3047, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	B5DBBE
RGB	181, 219, 190
RGB Percent	71%, 86%, 75%
CMY	0.2904, 0.1411, 0.2550
CMYK	0.17, 0.00, 0.13, 0.14
HSL	134°, 35%, 78%
HSV	134°, 17%, 86%
XYZ	53.6711, 64.2045, 58.2684
YIQ	204.3320, -13.3390, -17.0750

Conversions

Conversions Part 2

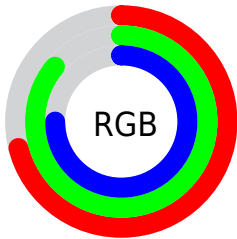
Format	Color
RYB	181, 212, 219
Decimal	11918270
CIELab	84.07, -18.07, 10.16
CIELCh	84, 20.733, 150.650
Yxy	64.2045, 0.3047, 0.3645
Android (android.graphics.Color)	4290108350 (0xFFB5DBBE)
YUV	204.3320, -7.0657, -20.4622
Hunter-Lab	80.1277, -20.6607, 12.9740

Details

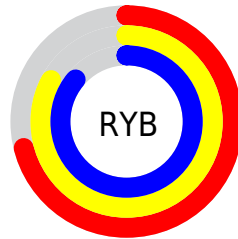
The Yxy color **64.2045, 0.3047, 0.3645** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.7423, 0.3219, 0.2959**, and the grayscale version is **60.6514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1783, 0.3068, 0.3379**, and **32.9463, 0.3024, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **61.0763, 0.3002, 0.3884**, and if you desaturate by 10%, it is **67.8380, 0.3093, 0.3432**.

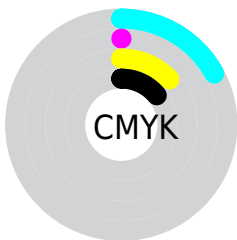
Distribution



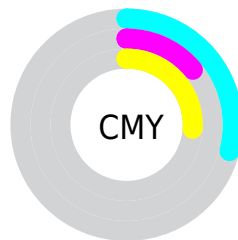
- Red (71%)
- Green (86%)
- Blue (75%)



- Red (71%)
- Yellow (83%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)





- Cyan (29%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2045, 0.3047, 0.3645 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 64.2045, 0.3047, 0.3645 by changing the saturation by 10% instead.

 64.2045, 0.3047,
0.3645

 64.2045, 0.3047,
0.3645


439.9278, 0.3087,
0.3473

 46.8163, 0.3037,
0.3687


 110.9054, 0.3062,
0.3584

 32.8905, 0.3024,
0.3739


140.9869, 0.3067,
0.3560

 22.0426, 0.3007,
0.3808


176.0683, 0.3072,
0.3540

 13.8882, 0.2984,
0.3901

216.5340, 0.3076,
0.3523

 8.0429, 0.2949,
0.4034

262.7684, 0.3079,
0.3508

 4.1224, 0.2894,
0.4241

315.1559, 0.3082,

 1.7423, 0.2789,

0.3495

0.4605

374.0809, 0.3085,
0.3483

0.4508, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

64.2045, 0.3047,
0.3645

64.2045, 0.3047,
0.3645

61.0763, 0.3002,
0.3884

67.8380, 0.3093,
0.3432

58.4231, 0.2961,
0.4145

71.9894, 0.3139,
0.3243

56.2236, 0.2925,
0.4426

76.6811, 0.3184,
0.3078

54.4519, 0.2899,
0.4716

79.1527, 0.3144,
0.2940

■ 53.0792, 0.2884,
0.5004

■ 52.0731, 0.2884,
0.5276

■ 51.3962, 0.2898,
0.5514

■ 50.9986, 0.2923,
0.5706

■ 50.9204, 0.2930,
0.5748

Harmonies

Analogous

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



64.2045, 0.3308, 0.3749



64.2045, 0.3047, 0.3645



64.2045, 0.2814, 0.3433

Triad

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



64.2045, 0.3047, 0.3645



64.2045, 0.2734, 0.2872



64.2045, 0.3609, 0.3362

Complementary

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



64.2045, 0.3047, 0.3645



52.7423, 0.3219, 0.2959

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.



64.2045, 0.3442, 0.3146



64.2045, 0.3047, 0.3645



64.2045, 0.2933, 0.2870

Square

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



64.2045, 0.3047, 0.3645



64.2045, 0.2639, 0.2982



64.2045, 0.3192, 0.2969



64.2045, 0.3639, 0.3571

Rectangle

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



64.2045, 0.3047, 0.3645



64.2045, 0.2705, 0.3267



64.2045, 0.3192, 0.2969



64.2045, 0.3567, 0.3289

Sweetspot

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



64.2072, 0.3047, 0.3645



97.0509, 0.3104, 0.3385



67.7283, 0.3320, 0.3730



20.6874, 0.3101, 0.3399



0.0000, 0.0000, 0.0000



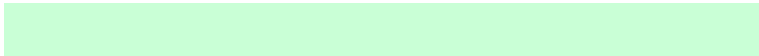
21.4041, 0.3127, 0.3290

Same Dimension

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



64.2072, 0.3047, 0.3645



88.8631, 0.3030, 0.3733



65.0871, 0.2928, 0.3411



14.6566, 0.3084, 0.3473



30.2019, 0.2924, 0.5725



1.9701, 0.2836, 0.5409

Inverse Universe

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



52.7423, 0.3219, 0.2959



69.6718, 0.3242, 0.2885



51.8560, 0.3374, 0.3173



13.2192, 0.3174, 0.3113



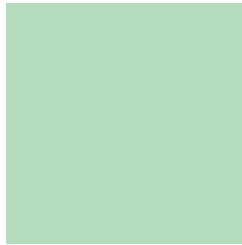
10.6027, 0.3914, 0.1930



0.6999, 0.3775, 0.1853

Previews

White Background



This preview shows how the Yxy color 64.2045, 0.3047, 0.3645 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 64.2045, 0.3047, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

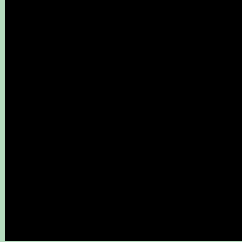
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2045, 0.3047, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 64.2045, 0.3047, 0.3645.

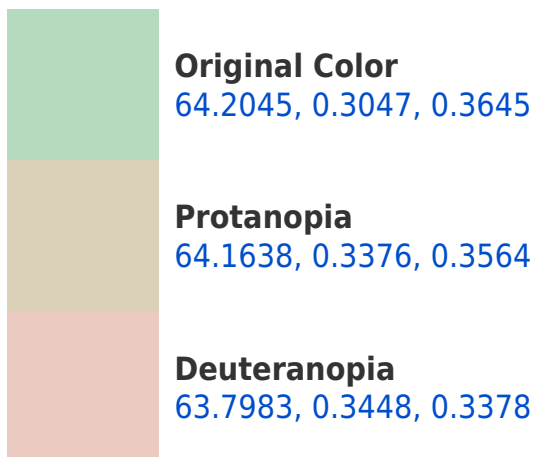


This preview shows how white text looks on a background with the Yxy color 64.2045, 0.3047, 0.3645.

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

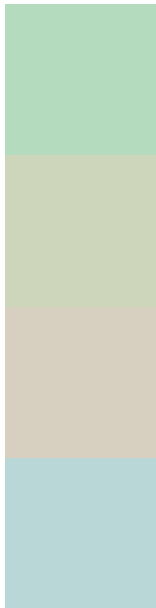




Tritanopia

63.9930, 0.2842, 0.3093

Trichromacy



Original Color

64.2045, 0.3047, 0.3645

Protanomaly

64.1555, 0.3247, 0.3595

Deuteranomaly

63.4091, 0.3288, 0.3462

Tritanomaly

63.8215, 0.2916, 0.3289

Monochromacy



Original Color

64.2045, 0.3047, 0.3645

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.4602, 0.3099, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2045, 0.3047, 0.3645 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(181, 219, 190)` looks like.

```
.text, #text, p{  
    color:rgb(181, 219, 190)  
}
```

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(181, 219, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 219, 190) }
```

Border

The CSS property to change the border of an element to Yxy 64.2045, 0.3047, 0.3645 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(181, 219, 190) }
```

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

```
.border{ border-color:rgb(181, 219, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 219, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 219, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 219, 190);  
box-shadow:4px 4px 4px 4px rgb(181, 219,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2045, 0.3047, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 219, 190) }
```

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

```
.background{ background-color: rgb(181,  
219, 190) }
```

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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