

Converting Colors

Yxy(64.4868, 0.3115, 0.3721)

Have a look what the booklet for
Yxy(64.4868, 0.3115, 0.3721)
contains.

Yxy(64.4380, 0.3114, 0.3717)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(64.4380, 0.3114, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	B9DBB8
RGB	185, 219, 184
RGB Percent	73%, 86%, 72%
CMY	0.2746, 0.1411, 0.2784
CMYK	0.16, 0.00, 0.16, 0.14
HSL	118°, 33%, 79%
HSV	118°, 16%, 86%
XYZ	53.9844, 64.4380, 54.9379
YIQ	204.8440, -9.0290, -18.0930

Conversions

Conversions Part 2

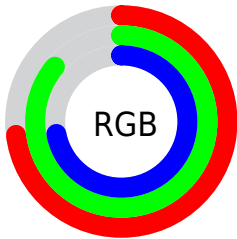
Format	Color
RYB	184, 219, 218
Decimal	12180408
CIELab	84.19, -17.79, 13.53
CIElCh	84, 22.350, 142.757
Yxy	64.4380, 0.3114, 0.3717
Android (android.graphics.Color)	4290370488 (0xFFB9DBB8)
YUV	204.8440, -10.2761, -17.4032
Hunter-Lab	80.2733, -20.4357, 15.6141

Details

The Yxy color **64.4380, 0.3114, 0.3717** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.3076, 0.3138, 0.2895**, and the grayscale version is **61.0146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5120, 0.3126, 0.3438**, and **33.0951, 0.3111, 0.3829** is the 20% darker color. If you saturate the color by 10%, you get **61.1397, 0.3103, 0.4028**, and if you desaturate by 10%, it is **68.2807, 0.3123, 0.3440**.

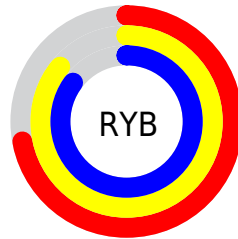
Distribution



Red (73%)

Green (86%)

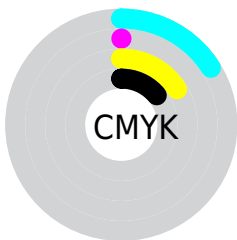
Blue (72%)



Red (72%)

Yellow (86%)

Blue (85%)

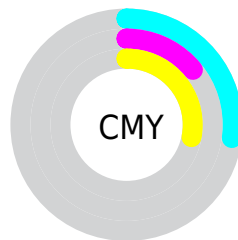


Cyan (16%)

Magenta (0%)

Yellow (16%)

Black (14%)



Cyan (27%)


Magenta (14%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4380, 0.3114, 0.3717 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 64.4380, 0.3114, 0.3717 by changing the saturation by 10% instead.


 64.4380, 0.3114,
0.3717

 64.4380, 0.3114,
0.3717


440.7696, 0.3123,
0.3509

 47.0055, 0.3111,
0.3767

 111.2415, 0.3118,
0.3643

 33.0400, 0.3107,
0.3830


141.3813, 0.3119,
0.3615

 22.1571, 0.3101,
0.3913


176.5256, 0.3120,
0.3591

 13.9724, 0.3092,
0.4025

217.0589, 0.3121,
0.3570

 8.1015, 0.3076,
0.4186

263.3656, 0.3122,
0.3552

 4.1599, 0.3046,
0.4436


315.8300, 0.3122,

 1.7634, 0.2990,

0.3536


0.4889


374.8366, 0.3123,
0.3522


 0.4642, 0.0147,
0.9853


 0.0000, 0.0000,
0.0000


 64.4380, 0.3114,
0.3717


 64.4380, 0.3114,
0.3717


 61.1397, 0.3103,
0.4028


 68.2807, 0.3123,
0.3440


 58.3533, 0.3091,
0.4367

 72.6820, 0.3130,
0.3197

 56.0558, 0.3077,
0.4722

 77.6661, 0.3135,
0.2986

 54.2189, 0.3061,
0.5076

 79.1500, 0.3144,
0.2940

■ 52.8115, 0.3045,
0.5402

■ 51.7988, 0.3029,
0.5672

■ 51.1405, 0.3016,
0.5865

■ 50.7875, 0.3006,
0.5970

■ 50.7091, 0.3005,
0.5996

Harmonies

Analogous

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



64.4380, 0.3391, 0.3790



64.4380, 0.3114, 0.3717



64.4380, 0.2849, 0.3511

Triad

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



64.4380, 0.3114, 0.3717



64.4380, 0.2666, 0.2860



64.4380, 0.3612, 0.3304

Complementary

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



64.4380, 0.3114, 0.3717



54.3076, 0.3138, 0.2895

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.



64.4380, 0.3401, 0.3079



64.4380, 0.3114, 0.3717



64.4380, 0.2853, 0.2828

Square

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



64.4380, 0.3114, 0.3717



64.4380, 0.2598, 0.3007



64.4380, 0.3121, 0.2909



64.4380, 0.3686, 0.3535

Rectangle

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



64.4380, 0.3114, 0.3717



64.4380, 0.2714, 0.3335



64.4380, 0.3121, 0.2909



64.4380, 0.3554, 0.3226

Sweetspot

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



64.4407, 0.3114, 0.3717



96.9299, 0.3123, 0.3415



68.5858, 0.3368, 0.3672



20.6581, 0.3123, 0.3434



0.0000, 0.0000, 0.0000



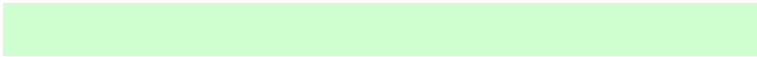
21.4041, 0.3127, 0.3290

Same Dimension

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



64.4407, 0.3114, 0.3717



89.3971, 0.3111, 0.3812



65.0460, 0.3002, 0.3514



14.6233, 0.3120, 0.3531



30.0717, 0.3006, 0.5995



1.9544, 0.3026, 0.5979

Inverse Universe

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



54.3076, 0.3138, 0.2895



72.6345, 0.3140, 0.2815



53.6385, 0.3274, 0.3076



13.2555, 0.3134, 0.3059



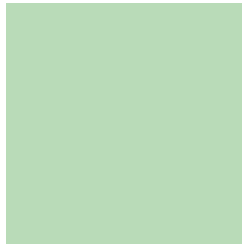
11.4237, 0.3141, 0.1504



0.7460, 0.3152, 0.1510

Previews

White Background



This preview shows how the Yxy color 64.4380, 0.3114, 0.3717 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 64.4380, 0.3114, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

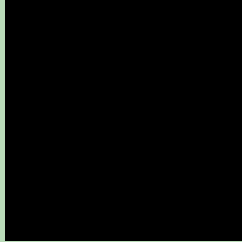
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

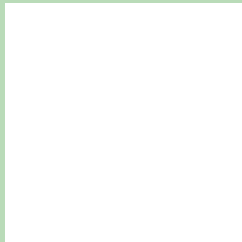
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4380, 0.3114, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 64.4380, 0.3114, 0.3717.



This preview shows how white text looks on a background with the Yxy color 64.4380, 0.3114, 0.3717.

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

64.4380, 0.3114, 0.3717

Protanopia

64.0712, 0.3428, 0.3633

Deuteranopia

64.0061, 0.3527, 0.3455



Tritanopia

64.6391, 0.2876, 0.3095

Trichromacy



Original Color

64.4380, 0.3114, 0.3717

Protanomaly

64.1901, 0.3305, 0.3666

Deuteranomaly

63.7170, 0.3370, 0.3542

Tritanomaly

64.3521, 0.2963, 0.3313

Monochromacy



Original Color

64.4380, 0.3114, 0.3717

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.1302, 0.3127, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4380, 0.3114, 0.3717 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(185, 219, 184)` looks like.

```
.text, #text, p{  
    color:rgb(185, 219, 184)  
}
```

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(185, 219, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 219, 184) }
```

Border

The CSS property to change the border of an element to Yxy 64.4380, 0.3114, 0.3717 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(185, 219, 184) }
```

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

```
.border{ border-color:rgb(185, 219, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 219, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 219, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 219, 184); box-shadow:4px 4px 4px 4px rgb(185, 219, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4380, 0.3114, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 219, 184) }
```

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

```
.background{ background-color: rgb(185,  
219, 184) }
```

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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