

Converting Colors

$Yxy(42.4017, 0.3202, 0.4062)$

Have a look what the booklet for
Yxy(42.4017, 0.3202, 0.4062)
contains.

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Color

Yxy(42.5024, 0.3198, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	92B985
RGB	146, 185, 133
RGB Percent	57%, 73%, 52%
CMY	0.4272, 0.2746, 0.4784
CMYK	0.21, 0.00, 0.28, 0.27
HSL	105°, 27%, 62%
HSV	105°, 28%, 73%
XYZ	33.4455, 42.5024, 28.6347
YIQ	167.4110, -6.5520, -24.4400

Conversions

Conversions Part 2

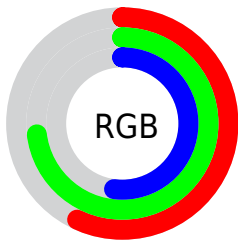
Format	Color
RYB	133, 185, 172
Decimal	9615749
CIELab	71.22, -22.93, 22.24
CIELCh	71, 31.944, 135.887
Yxy	42.5024, 0.3198, 0.4064
Android (android.graphics.Color)	4287805829 (0xFF92B985)
YUV	167.4110, -16.9646, -18.7774
Hunter-Lab	65.1939, -22.5158, 19.5941

Details

The Yxy color **42.5024, 0.3198, 0.4064** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.0440, 0.3025, 0.2573**, and the grayscale version is **38.9481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8733, 0.3195, 0.3913**, and **19.5067, 0.3198, 0.4323** is the 20% darker color. If you saturate the color by 10%, you get **40.8427, 0.3215, 0.4383**, and if you desaturate by 10%, it is **44.4097, 0.3175, 0.3765**.

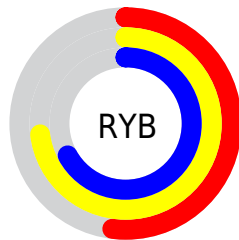
Distribution



Red (57%)

Green (73%)

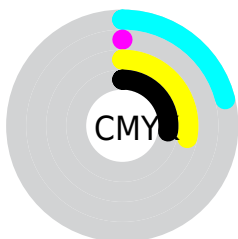
Blue (52%)



Red (52%)

Yellow (73%)

Blue (67%)

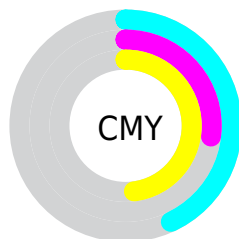


Cyan (21%)

Magenta (0%)

Yellow (28%)

Black (27%)



Cyan (43%)


Magenta (27%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5024, 0.3198, 0.4064 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 42.5024, 0.3198, 0.4064 by changing the saturation by 10% instead.


 42.5024, 0.3198,
0.4064

 42.5024, 0.3198,
0.4064


356.5614, 0.3171,
0.3656

 29.4949, 0.3201,
0.4173


 78.9594, 0.3191,
0.3911

 19.4555, 0.3203,
0.4316


 103.1777, 0.3187,
0.3855

 11.9999, 0.3201,
0.4514


 131.9017, 0.3184,
0.3808

 6.7436, 0.3189,
0.4803

165.5159, 0.3181,
0.3768

 3.3023, 0.3145,
0.5257

204.4045, 0.3178,
0.3734

 1.2915, 0.3245,
0.6755

248.9520, 0.3175,

 0.1346, 0.0000,

0.3704

1.0000

299.5429, 0.3173,
0.3679

0.0000, 0.0000,
0.0000

42.5024, 0.3198,
0.4064

42.5024, 0.3198,
0.4064

40.8427, 0.3215,
0.4383

44.4097, 0.3175,
0.3765

39.4150, 0.3225,
0.4712

46.5686, 0.3149,
0.3491

38.2100, 0.3225,
0.5035


48.9901, 0.3122,
0.3245


37.2159, 0.3213,
0.5334


51.6828, 0.3094,
0.3027

36.4197, 0.3188,
0.5587


54.6548, 0.3067,
0.2835

 35.8065, 0.3152,
0.5777

 57.9141, 0.3040,
0.2666

 35.3565, 0.3109,
0.5899

 60.9752, 0.3068,
0.2585

 35.2851, 0.3102,
0.5919

 63.1736, 0.3159,
0.2604

Harmonies

Analogous

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



42.5024, 0.3638, 0.4108



42.5024, 0.3198, 0.4064



42.5024, 0.2758, 0.3756

Triad

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



42.5024, 0.3198, 0.4064



42.5024, 0.2347, 0.2630



42.5024, 0.3865, 0.3213

Complementary

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



42.5024, 0.3198, 0.4064



29.0440, 0.3025, 0.2573

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.



42.5024, 0.3471, 0.2880



42.5024, 0.3198, 0.4064



42.5024, 0.2598, 0.2551

Square

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



42.5024, 0.3198, 0.4064



42.5024, 0.2289, 0.2891



42.5024, 0.3002, 0.2644



42.5024, 0.4045, 0.3582

Rectangle

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



42.5024, 0.3198, 0.4064



42.5024, 0.2523, 0.3459



42.5024, 0.3002, 0.2644



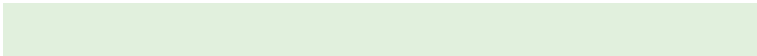
42.5024, 0.3752, 0.3094

Sweetspot

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



42.5042, 0.3198, 0.4064



83.4010, 0.3149, 0.3492



41.1813, 0.3592, 0.3809



17.8481, 0.3153, 0.3531



93.3107, 0.3127, 0.3290



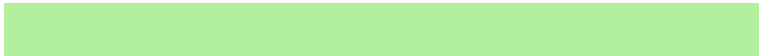
18.7317, 0.3127, 0.3290

Same Dimension

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



42.5042, 0.3198, 0.4064



74.1634, 0.3210, 0.4268



41.7297, 0.3002, 0.3897



10.1662, 0.3153, 0.3524



24.0587, 0.3110, 0.5913



0.8783, 0.3307, 0.5756

Inverse Universe

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



29.0440, 0.3025, 0.2573



45.8926, 0.2994, 0.2401



30.1029, 0.3283, 0.2751



9.0461, 0.3099, 0.3062



6.1317, 0.2589, 0.1200



0.2436, 0.2757, 0.1292

Previews

White Background



This preview shows how the Yxy color 42.5024, 0.3198, 0.4064 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 42.5024, 0.3198, 0.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

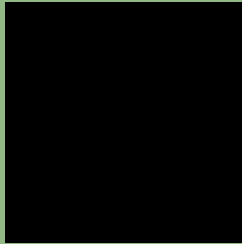
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5024, 0.3198, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 42.5024, 0.3198, 0.4064.



This preview shows how white text looks on a background with the Yxy color 42.5024, 0.3198, 0.4064.

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

42.5024, 0.3198, 0.4064

Protanopia

42.3954, 0.3645, 0.3909

Deuteranopia

42.1401, 0.3748, 0.3676



Tritanopia

42.3180, 0.2838, 0.3083

Trichromacy



Original Color

42.5024, 0.3198, 0.4064

Protanomaly

42.2232, 0.3470, 0.3964

Deuteranomaly

41.9948, 0.3527, 0.3810

Tritanomaly

42.2582, 0.2962, 0.3418

Monochromacy



Original Color

42.5024, 0.3198, 0.4064

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.0096, 0.3150, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5024, 0.3198, 0.4064 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(146, 185, 133)` looks like.

```
.text, #text, p{  
    color:rgb(146, 185, 133)  
}
```

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(146, 185, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 185, 133) }
```

Border

The CSS property to change the border of an element to Yxy 42.5024, 0.3198, 0.4064 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(146, 185, 133) }
```

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

```
.border{ border-color:rgb(146, 185, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 185, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 185, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 185, 133); box-shadow:4px 4px 4px 4px rgb(146, 185, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5024, 0.3198, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 185, 133) }
```

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

```
.background{ background-color: rgb(146,  
185, 133) }
```

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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