

Converting Colors

Yxy(52.3116, 0.3401, 0.4128)

Have a look what the booklet for
Yxy(52.3116, 0.3401, 0.4128)
contains.

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Color

Yxy(52.3448, 0.3394, 0.4124)

Conversions

Conversions Part 1

Format	Color
Hex	B0C889
RGB	176, 200, 137
RGB Percent	69%, 78%, 54%
CMY	0.3097, 0.2157, 0.4627
CMYK	0.12, 0.00, 0.31, 0.22
HSL	83°, 36%, 66%
HSV	83°, 31%, 78%
XYZ	43.0791, 52.3448, 31.5033
YIQ	185.6420, 5.9190, -24.6810

Conversions

Conversions Part 2

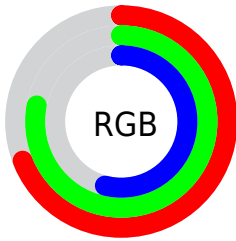
Format	Color
RYB	137, 200, 161
Decimal	11585673
CIELab	77.49, -18.89, 28.90
CIElCh	77, 34.527, 123.163
Yxy	52.3448, 0.3394, 0.4124
Android (android.graphics.Color)	4289775753 (0xFFB0C889)
YUV	185.6420, -23.9805, -8.4560
Hunter-Lab	72.3497, -20.3279, 24.8281

Details

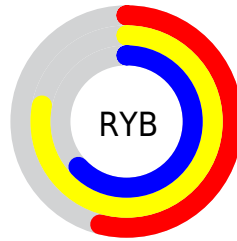
The Yxy color **52.3448, 0.3394, 0.4124** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.6396, 0.2786, 0.2424**, and the grayscale version is **49.0301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4374, 0.3354, 0.3952**, and **25.4406, 0.3457, 0.4370** is the 20% darker color. If you saturate the color by 10%, you get **50.9625, 0.3468, 0.4408**, and if you desaturate by 10%, it is **53.8878, 0.3312, 0.3845**.

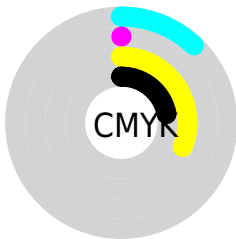
Distribution



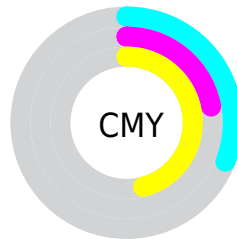
- Red (69%)
- Green (78%)
- Blue (54%)



- Red (54%)
- Yellow (78%)
- Blue (63%)



- Cyan (12%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)





- Cyan (31%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3448, 0.3394, 0.4124 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 52.3448, 0.3394, 0.4124 by changing the saturation by 10% instead.

 52.3448, 0.3394,
0.4124

 52.3448, 0.3394,
0.4124


395.7663, 0.3273,
0.3703

 37.2800, 0.3420,
0.4230


 93.6395, 0.3353,
0.3970

 25.4243, 0.3450,
0.4365


 120.6383, 0.3337,
0.3913

 16.3935, 0.3485,
0.4544

 152.3837, 0.3323,
0.3864

 9.8030, 0.3523,
0.4790

189.2604, 0.3310,
0.3823

 5.2686, 0.3556,
0.5145

231.6525, 0.3299,
0.3786

 2.4057, 0.3759,
0.6023

279.9447, 0.3290,

 0.8288, 0.2827,

0.3755

0.7173

334.5211, 0.3281,
0.3727

0.0000, 0.0000,
0.0000

52.3448, 0.3394,
0.4124

52.3448, 0.3394,
0.4124

50.9625, 0.3468,
0.4408

53.8878, 0.3312,
0.3845

49.7274, 0.3531,
0.4685

55.5909, 0.3226,
0.3577

48.6345, 0.3575,
0.4945


57.4621, 0.3140,
0.3326

47.6757, 0.3599,
0.5172


59.5071, 0.3056,
0.3094

46.8418, 0.3598,
0.5357


61.7310, 0.2975,
0.2883


 46.1222, 0.3574,
0.5491

 64.0088, 0.2911,
0.2711

 45.5839, 0.3539,
0.5572

 65.2357, 0.2966,
0.2720

 66.5176, 0.3020,
0.2730

 67.8551, 0.3076,
0.2739

Harmonies

Analogous

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



52.3448, 0.3800, 0.4055



52.3448, 0.3394, 0.4124



52.3448, 0.2935, 0.3920

Triad

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



52.3448, 0.3394, 0.4124



52.3448, 0.2292, 0.2714



52.3448, 0.3722, 0.3061

Complementary

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



52.3448, 0.3394, 0.4124



29.6396, 0.2786, 0.2424

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.



52.3448, 0.3273, 0.2761



52.3448, 0.3394, 0.4124



52.3448, 0.2465, 0.2557

Square

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



52.3448, 0.3394, 0.4124



52.3448, 0.2319, 0.3050



52.3448, 0.2813, 0.2580



52.3448, 0.4008, 0.3426

Rectangle

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



52.3448, 0.3394, 0.4124



52.3448, 0.2661, 0.3656



52.3448, 0.2813, 0.2580



52.3448, 0.3583, 0.2951

Sweetspot

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



52.3471, 0.3394, 0.4124



96.9900, 0.3206, 0.3516



39.2639, 0.3745, 0.3593



20.6607, 0.3218, 0.3554



0.0000, 0.0000, 0.0000



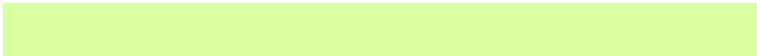
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3471, 0.3394, 0.4124



88.9165, 0.3448, 0.4324



49.1708, 0.3147, 0.4192



12.2076, 0.3208, 0.3522



29.0375, 0.3548, 0.5565



1.4155, 0.3683, 0.5458

Inverse Universe

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



29.6396, 0.2786, 0.2424



43.3069, 0.2690, 0.2206



33.2187, 0.3081, 0.2495



10.4809, 0.3041, 0.3055



3.6792, 0.1823, 0.0778



0.2156, 0.2066, 0.0912

Previews

White Background



This preview shows how the Yxy color 52.3448, 0.3394, 0.4124 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 52.3448, 0.3394, 0.4124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

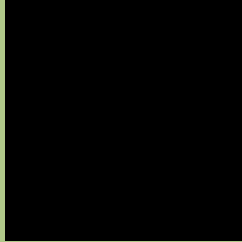
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3448, 0.3394, 0.4124

Background



This preview shows how black text looks on a background with the Yxy color 52.3448, 0.3394, 0.4124.



This preview shows how white text looks on a background with the Yxy color 52.3448, 0.3394, 0.4124.

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

52.3448, 0.3394, 0.4124

Protanopia

52.0769, 0.3714, 0.4003

Deuteranopia

51.9588, 0.3862, 0.3779



Tritanopia

52.1569, 0.2977, 0.3105

Trichromacy



Original Color

52.3448, 0.3394, 0.4124

Protanomaly

51.9069, 0.3597, 0.4050

Deuteranomaly

51.6985, 0.3684, 0.3891

Tritanomaly

51.8649, 0.3127, 0.3457

Monochromacy



Original Color

52.3448, 0.3394, 0.4124

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.0338, 0.3228, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3448, 0.3394, 0.4124 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(176, 200, 137)` looks like.

```
.text, #text, p{  
    color:rgb(176, 200, 137)  
}
```

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(176, 200, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 200, 137) }
```

Border

The CSS property to change the border of an element to Yxy 52.3448, 0.3394, 0.4124 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(176, 200, 137) }
```

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

```
.border{ border-color:rgb(176, 200, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 200, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 200, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 200, 137);  
box-shadow:4px 4px 4px 4px rgb(176, 200,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3448, 0.3394, 0.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 200, 137) }
```

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

```
.background{ background-color: rgb(176,  
200, 137) }
```

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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