

Converting Colors

Yxy(52.7447, 0.3220, 0.4096)

Have a look what the booklet for
Yxy(52.7447, 0.3220, 0.4096)
contains.

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Color

Yxy(52.8807, 0.3224, 0.4105)

Conversions

Conversions Part 1

Format	Color
Hex	A2CC90
RGB	162, 204, 144
RGB Percent	64%, 80%, 56%
CMY	0.3646, 0.2000, 0.4352
CMYK	0.21, 0.00, 0.29, 0.20
HSL	102°, 37%, 68%
HSV	102°, 29%, 80%
XYZ	41.5316, 52.8807, 34.4079
YIQ	184.6020, -5.7720, -27.5640

Conversions

Conversions Part 2

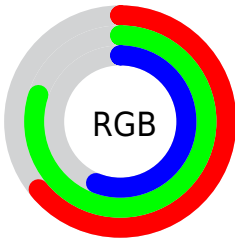
Format	Color
RYB	144, 204, 186
Decimal	10669200
CIELab	77.80, -24.91, 25.51
CIELCh	78, 35.653, 134.327
Yxy	52.8807, 0.3224, 0.4105
Android (android.graphics.Color)	4288859280 (0xFFA2CC90)
YUV	184.6020, -20.0168, -19.8220
Hunter-Lab	72.7191, -25.3128, 22.8496

Details

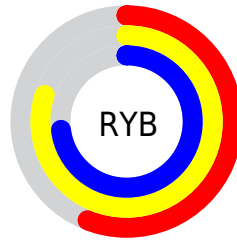
The Yxy color **52.8807, 0.3224, 0.4105** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.7471, 0.2990, 0.2526**, and the grayscale version is **48.4028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5026, 0.3223, 0.3896**, and **25.8542, 0.3232, 0.4354** is the 20% darker color. If you saturate the color by 10%, you get **50.9031, 0.3248, 0.4424**, and if you desaturate by 10%, it is **55.1452, 0.3194, 0.3804**.

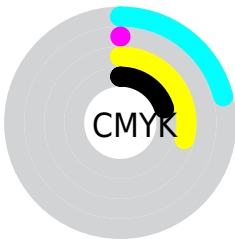
Distribution



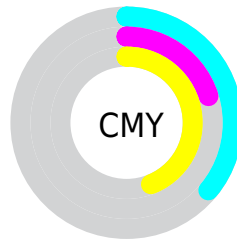
- Red (64%)
- Green (80%)
- Blue (56%)



- Red (56%)
- Yellow (80%)
- Blue (73%)



- Cyan (21%)
- Magenta (0%)
- Yellow (29%)
- Black (20%)




- Cyan (36%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8807, 0.3224, 0.4105 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 52.8807, 0.3224, 0.4105 by changing the saturation by 10% instead.


 52.8807, 0.3224,
0.4105

 52.8807, 0.3224,
0.4105


397.8272, 0.3187,
0.3690

 37.7075, 0.3230,
0.4210


 94.4288, 0.3213,
0.3953

 25.7558, 0.3235,
0.4346


 121.5725, 0.3208,
0.3896

 16.6410, 0.3237,
0.4528


153.4752, 0.3204,
0.3848

 9.9789, 0.3233,
0.4783

190.5213, 0.3200,
0.3807

 5.3850, 0.3208,
0.5160

233.0952, 0.3196,
0.3772

 2.4749, 0.3208,
0.5923

281.5812, 0.3192,

 0.8640, 0.1978,

0.3741

0.8022

336.3637, 0.3189,
0.3714

0.0000, 0.0000,
0.0000

52.8807, 0.3224,
0.4105

52.8807, 0.3224,
0.4105

50.9031, 0.3248,
0.4424

55.1452, 0.3194,
0.3804

49.1940, 0.3263,
0.4749

57.7009, 0.3160,
0.3527

47.7429, 0.3266,
0.5065

60.5604, 0.3125,
0.3276

46.5363, 0.3254,
0.5353

63.7335, 0.3090,
0.3052

45.5589, 0.3228,
0.5593

67.2297, 0.3055,
0.2854

■ 44.7935, 0.3188,
0.5771

■ 70.3009, 0.3097,
0.2783

■ 44.2152, 0.3140,
0.5885

■ 71.6649, 0.3151,
0.2792

■ 44.1852, 0.3137,
0.5891

Harmonies

Analogous

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



52.8807, 0.3677, 0.4134



52.8807, 0.3224, 0.4105



52.8807, 0.2765, 0.3796

Triad

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



52.8807, 0.3224, 0.4105



52.8807, 0.2312, 0.2615



52.8807, 0.3876, 0.3189

Complementary

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



52.8807, 0.3224, 0.4105



34.7471, 0.2990, 0.2526

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.



52.8807, 0.3459, 0.2850



52.8807, 0.3224, 0.4105



52.8807, 0.2561, 0.2525

Square

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



52.8807, 0.3224, 0.4105



52.8807, 0.2262, 0.2894



52.8807, 0.2972, 0.2613



52.8807, 0.4077, 0.3570

Rectangle

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



52.8807, 0.3224, 0.4105



52.8807, 0.2517, 0.3490



52.8807, 0.2972, 0.2613



52.8807, 0.3755, 0.3068

Sweetspot

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



52.8830, 0.3224, 0.4105



95.6896, 0.3159, 0.3519



49.5502, 0.3629, 0.3803



20.3409, 0.3164, 0.3558



0.0000, 0.0000, 0.0000



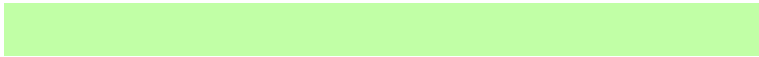
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8830, 0.3224, 0.4105



85.5426, 0.3239, 0.4296



51.4822, 0.3015, 0.3979



12.6975, 0.3160, 0.3526



27.8540, 0.3146, 0.5884



1.4768, 0.3300, 0.5762

Inverse Universe

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



34.7471, 0.2990, 0.2526



50.9281, 0.2953, 0.2361



36.6378, 0.3265, 0.2688



11.2281, 0.3091, 0.3058



6.4554, 0.2468, 0.1133



0.3714, 0.2617, 0.1215

Previews

White Background



This preview shows how the Yxy color 52.8807, 0.3224, 0.4105 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 52.8807, 0.3224, 0.4105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

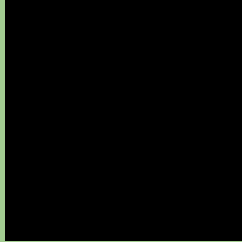
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8807, 0.3224, 0.4105

Background



This preview shows how black text looks on a background with the Yxy color 52.8807, 0.3224, 0.4105.



This preview shows how white text looks on a background with the Yxy color 52.8807, 0.3224, 0.4105.

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

52.8807, 0.3224, 0.4105

Protanopia

52.6852, 0.3663, 0.3942

Deuteranopia

52.4266, 0.3789, 0.3711



Tritanopia

52.6176, 0.2847, 0.3089

Trichromacy



Original Color

52.8807, 0.3224, 0.4105

Protanomaly

52.3501, 0.3494, 0.3995

Deuteranomaly

51.9247, 0.3567, 0.3839

Tritanomaly

52.4110, 0.2982, 0.3433

Monochromacy



Original Color

52.8807, 0.3224, 0.4105

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.9487, 0.3171, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8807, 0.3224, 0.4105 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(162, 204, 144)` looks like.

```
.text, #text, p{  
    color:rgb(162, 204, 144)  
}
```

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(162, 204, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 204, 144) }
```

Border

The CSS property to change the border of an element to Yxy 52.8807, 0.3224, 0.4105 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(162, 204, 144) }
```

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

```
.border{ border-color:rgb(162, 204, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 204, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 204, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 204, 144);  
box-shadow:4px 4px 4px 4px rgb(162, 204,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8807, 0.3224, 0.4105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 204, 144) }
```

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

```
.background{ background-color: rgb(162,  
204, 144) }
```

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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