

Converting Colors

Yxy(51.6142, 0.3227, 0.4299)

Have a look what the booklet for
Yxy(51.6142, 0.3227, 0.4299)
contains.

Yxy(51.5271, 0.3226, 0.4295)	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(51.5271, 0.3226, 0.4295)

Conversions

Conversions Part 1

Format	Color
Hex	98CC84
RGB	152, 204, 132
RGB Percent	60%, 80%, 52%
CMY	0.4041, 0.2000, 0.4823
CMYK	0.26, 0.00, 0.35, 0.20
HSL	103°, 41%, 66%
HSV	103°, 35%, 80%
XYZ	38.7023, 51.5271, 29.7406
YIQ	180.2440, -7.8800, -33.4160

Conversions

Conversions Part 2

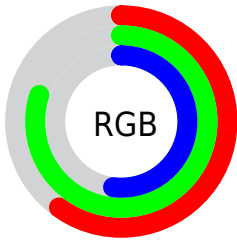
Format	Color
RYB	132, 204, 184
Decimal	10013828
CIELab	77.00, -30.25, 30.57
CIELCh	77, 43.012, 134.697
Yxy	51.5271, 0.3226, 0.4295
Android (android.graphics.Color)	4288203908 (0xFF98CC84)
YUV	180.2440, -23.7843, -24.7700
Hunter-Lab	71.7824, -29.3788, 25.6829

Details

The Yxy color **51.5271, 0.3226, 0.4295** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.0650, 0.2970, 0.2370**, and the grayscale version is **45.9112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4751, 0.3227, 0.4041**, and **25.0745, 0.3222, 0.4597** is the 20% darker color. If you saturate the color by 10%, you get **49.6889, 0.3242, 0.4622**, and if you desaturate by 10%, it is **53.6559, 0.3203, 0.3981**.

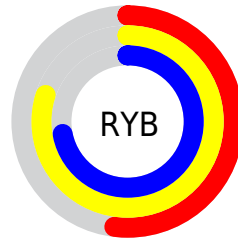
Distribution



Red (60%)

Green (80%)

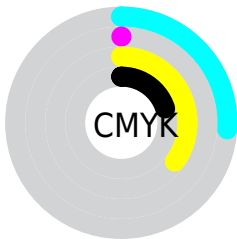
Blue (52%)



Red (52%)

Yellow (80%)

Blue (72%)

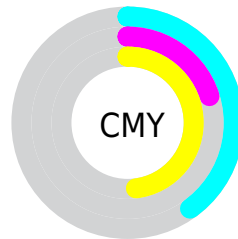


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (20%)



Cyan (40%)


Magenta (20%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5271, 0.3226, 0.4295 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 51.5271, 0.3226, 0.4295 by changing the saturation by 10% instead.


 51.5271, 0.3226,
0.4295


 51.5271, 0.3226,
0.4295


392.6082, 0.3193,
0.3778


 36.6283, 0.3228,
0.4428


 92.4334, 0.3218,
0.4104

 24.9198, 0.3228,
0.4599


 119.2097, 0.3214,
0.4033

 16.0173, 0.3220,
0.4829


 150.7140, 0.3210,
0.3974

 9.5364, 0.3197,
0.5151

187.3306, 0.3206,
0.3923

 5.0927, 0.3132,
0.5625

229.4439, 0.3202,
0.3879

 2.3017, 0.3169,
0.6831

277.4383, 0.3199,

 0.7746, 0.0000,

0.3841

1.0000

331.6983, 0.3196,
0.3807

■ 0.0000, 0.0000,
0.0000

■ 51.5271, 0.3226,
0.4295

■ 51.5271, 0.3226,
0.4295

■ 49.6889, 0.3242,
0.4622

■ 53.6559, 0.3203,
0.3981

■ 48.1218, 0.3247,
0.4947

■ 56.0807, 0.3175,
0.3687

■ 46.8141, 0.3240,
0.5252


■ 58.8149, 0.3144,
0.3420

■ 45.7505, 0.3219,
0.5517

■ 61.8693, 0.3112,
0.3181


■ 44.9139, 0.3184,
0.5723

■ 65.2540, 0.3080,
0.2968

 44.2845, 0.3139,
0.5859

 68.9787, 0.3049,
0.2781

 44.0470, 0.3118,
0.5906

 71.6710, 0.3151,
0.2792

Harmonies

Analogous

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



51.5271, 0.3776, 0.4316



51.5271, 0.3226, 0.4295



51.5271, 0.2677, 0.3909

Triad

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



51.5271, 0.3226, 0.4295



51.5271, 0.2156, 0.2473



51.5271, 0.4046, 0.3165

Complementary

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



51.5271, 0.3226, 0.4295



31.0650, 0.2970, 0.2370

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.



51.5271, 0.3534, 0.2767



51.5271, 0.3226, 0.4295



51.5271, 0.2450, 0.2378

Square

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



51.5271, 0.3226, 0.4295



51.5271, 0.2094, 0.2795



51.5271, 0.2941, 0.2487



51.5271, 0.4283, 0.3615

Rectangle

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



51.5271, 0.3226, 0.4295



51.5271, 0.2384, 0.3522



51.5271, 0.2941, 0.2487



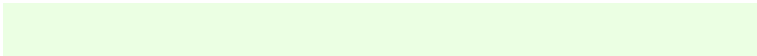
51.5271, 0.3897, 0.3023

Sweetspot

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



51.5293, 0.3226, 0.4295



94.6782, 0.3162, 0.3573



48.6255, 0.3734, 0.3936



20.1343, 0.3166, 0.3611



0.0000, 0.0000, 0.0000



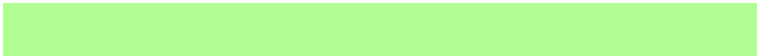
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5293, 0.3226, 0.4295



83.0698, 0.3238, 0.4532



50.2237, 0.2979, 0.4107



12.6849, 0.3157, 0.3527



27.7608, 0.3127, 0.5899



1.4707, 0.3277, 0.5780

Inverse Universe

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



31.0650, 0.2970, 0.2370



44.4282, 0.2927, 0.2175



32.9944, 0.3323, 0.2593



11.2414, 0.3094, 0.3058



6.7245, 0.2523, 0.1164



0.3836, 0.2662, 0.1240

Previews

White Background



This preview shows how the Yxy color 51.5271, 0.3226, 0.4295 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 51.5271, 0.3226, 0.4295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

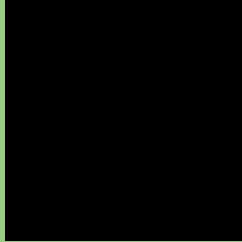
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5271, 0.3226, 0.4295

Background



This preview shows how black text looks on a background with the Yxy color 51.5271, 0.3226, 0.4295.



This preview shows how white text looks on a background with the Yxy color 51.5271, 0.3226, 0.4295.

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

51.5271, 0.3226, 0.4295

Protanopia

50.8807, 0.3768, 0.4067

Deuteranopia

50.8614, 0.3896, 0.3804



Tritanopia

51.2360, 0.2796, 0.3085

Trichromacy



Original Color

51.5271, 0.3226, 0.4295

Protanomaly

50.5812, 0.3563, 0.4149

Deuteranomaly

50.1502, 0.3634, 0.3974

Tritanomaly

51.2391, 0.2949, 0.3504

Monochromacy



Original Color

51.5271, 0.3226, 0.4295

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.5856, 0.3168, 0.3643

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5271, 0.3226, 0.4295 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(152, 204, 132)` looks like.

```
.text, #text, p{  
    color:rgb(152, 204, 132)  
}
```

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(152, 204, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 204, 132) }
```

Border

The CSS property to change the border of an element to Yxy 51.5271, 0.3226, 0.4295 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(152, 204, 132) }
```

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

```
.border{ border-color:rgb(152, 204, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 204, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 204, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 204, 132);  
box-shadow:4px 4px 4px 4px rgb(152, 204,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5271, 0.3226, 0.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 204, 132) }
```

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

```
.background{ background-color: rgb(152,  
204, 132) }
```

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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