

Converting Colors

Yxy(49.9526, 0.3194, 0.3132)

Have a look what the booklet for
Yxy(49.9526, 0.3194, 0.3132)
contains.

Yxy(49.9526, 0.3194, 0.3132)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.9526, 0.3194, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	CAB6C3
RGB	202, 182, 195
RGB Percent	79%, 71%, 76%
CMY	0.2078, 0.2863, 0.2352
CMYK	0.00, 0.10, 0.03, 0.21
HSL	321°, 16%, 75%
HSV	321°, 10%, 79%
XYZ	50.9414, 49.9526, 58.5970
YIQ	189.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

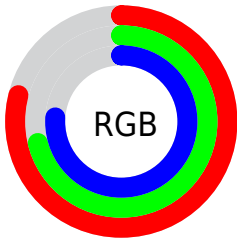
Format	Color
R_{YB}	202, 182, 195
Decimal	13285059
CIE Lab	76.04, 9.42, -3.99
CIE LCh	76, 10.230, 337.042
Yxy	49.9526, 0.3194, 0.3132
Android (android.graphics.Color)	4291475139 (0xFFCAB6C3)
YUV	189.4620, 2.7302, 10.9958
Hunter-Lab	70.6772, 4.9711, 0.3179

Details

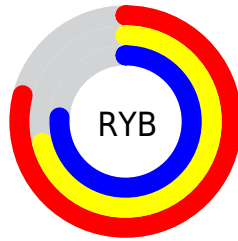
The Yxy color $49.9526, 0.3194, 0.3132$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.8707, 0.3066, 0.3453$, and the grayscale version is $51.1510, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.4373, 0.3153, 0.3155$, and $23.9195, 0.3218, 0.3095$ is the 20% darker color. If you saturate the color by 10%, you get $41.9564, 0.3274, 0.2965$, and if you desaturate by 10%, it is $59.1620, 0.3127, 0.3291$.

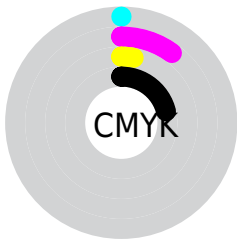
Distribution



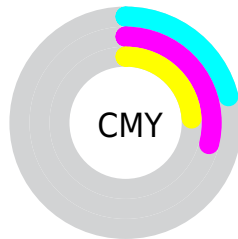
- Red (79%)
- Green (71%)
- Blue (76%)



- Red (79%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (21%)




- Cyan (21%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9526, 0.3194, 0.3132 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 49.9526, 0.3194, 0.3132 by changing the saturation by 10% instead.


 49.9526, 0.3194,
0.3132

 49.9526, 0.3194,
0.3132


386.4806, 0.3161,
0.3209

 35.3757, 0.3202,
0.3113


 90.1046, 0.3182,
0.3160

 23.9525, 0.3212,
0.3089


116.4486, 0.3178,
0.3170

 15.2984, 0.3225,
0.3058


147.4837, 0.3174,
0.3179

 9.0290, 0.3243,
0.3016

183.5944, 0.3171,
0.3187

 4.7601, 0.3269,
0.2954

225.1650, 0.3168,
0.3193

 2.1072, 0.3309,
0.2857

272.5800, 0.3166,

 0.6687, 0.3406,

0.3199

0.2630

326.2237, 0.3163,
0.3205

0.0000, 0.0000,
0.0000

49.9526, 0.3194,
0.3132

49.9526, 0.3194,
0.3132

41.9564, 0.3274,
0.2965

59.1620, 0.3127,
0.3291

35.1158, 0.3368,
0.2795

69.6260, 0.3070,
0.3441

29.3782, 0.3476,
0.2627

81.3923, 0.3023,
0.3581

24.6843, 0.3599,
0.2469

89.4227, 0.2983,
0.3631

20.9695, 0.3737,
0.2330

89.8125, 0.2945,
0.3553

■ 18.1615, 0.3884,
0.2223

■ 90.2184, 0.2908,
0.3476

■ 16.1784, 0.4039,
0.2157

■ 90.6406, 0.2870,
0.3400

■ 14.9228, 0.4193,
0.2140

■ 91.0792, 0.2834,
0.3325

■ 14.2139, 0.4345,
0.2168

■ 91.2998, 0.2816,
0.3289

Harmonies

Analogous

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



49.9526, 0.3052, 0.3066



49.9526, 0.3194, 0.3132



49.9526, 0.3320, 0.3238

Triad

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



49.9526, 0.3194, 0.3132



49.9526, 0.3322, 0.3528



49.9526, 0.2868, 0.3212

Complementary

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



49.9526, 0.3194, 0.3132



55.8707, 0.3066, 0.3453

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.



49.9526, 0.2937, 0.3340



49.9526, 0.3194, 0.3132



49.9526, 0.3198, 0.3526

Square

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



49.9526, 0.3194, 0.3132



49.9526, 0.3394, 0.3465



49.9526, 0.3057, 0.3457



49.9526, 0.2867, 0.3109

Rectangle

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



49.9526, 0.3194, 0.3132



49.9526, 0.3377, 0.3319



49.9526, 0.3057, 0.3457



49.9526, 0.2884, 0.3253

Sweetspot

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



49.9548, 0.3194, 0.3132



95.0447, 0.3146, 0.3242



48.4962, 0.3028, 0.3041



20.0671, 0.3152, 0.3230



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.



49.9548, 0.3194, 0.3132



81.3363, 0.3211, 0.3095



49.5307, 0.3273, 0.3249



11.3345, 0.3190, 0.3140



9.1580, 0.4327, 0.2157



0.4865, 0.4054, 0.2007

Inverse Universe

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



49.9548, 0.3194, 0.3132



81.3363, 0.3211, 0.3095



56.3055, 0.2999, 0.3331



11.3345, 0.3190, 0.3140



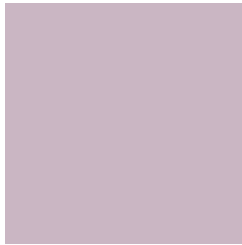
9.1580, 0.4327, 0.2157



0.4865, 0.4054, 0.2007

Previews

White Background



This preview shows how the Yxy color 49.9526, 0.3194, 0.3132 looks on a white background.

Color Contrast Check

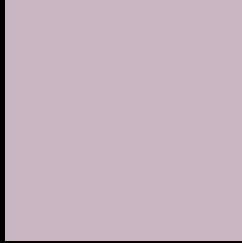
Large Text (above 18pt) WCAG AA × Fail

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 49.9526, 0.3194, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

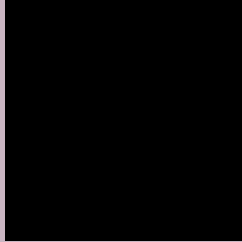
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9526, 0.3194, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 49.9526, 0.3194, 0.3132.



This preview shows how white text looks on a background with the Yxy color 49.9526, 0.3194, 0.3132.

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

49.9526, 0.3194, 0.3132

Protanopia

49.8864, 0.3052, 0.3140

Deuteranopia

49.9526, 0.3194, 0.3132



Tritanopia

49.9980, 0.3186, 0.3120

Trichromacy



Original Color

49.9526, 0.3194, 0.3132

Protanomaly

50.0666, 0.3101, 0.3142

Deuteranomaly

49.9526, 0.3194, 0.3132

Tritanomaly

49.9980, 0.3186, 0.3120

Monochromacy



Original Color

49.9526, 0.3194, 0.3132

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3487, 0.3155, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9526, 0.3194, 0.3132 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(202, 182, 195)` looks like.

```
.text, #text, p{  
    color:rgb(202, 182, 195)  
}
```

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(202, 182, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 182, 195) }
```

Border

The CSS property to change the border of an element to Yxy 49.9526, 0.3194, 0.3132 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(202, 182, 195) }
```

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

```
.border{ border-color:rgb(202, 182, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 182, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 182, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 182, 195);  
box-shadow:4px 4px 4px 4px rgb(202, 182,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9526, 0.3194, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 182, 195) }
```

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

```
.background{ background-color: rgb(202,  
182, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor