

Converting Colors

Yxy(49.8061, 0.3131, 0.3156)

Have a look what the booklet for
Yxy(49.8061, 0.3131, 0.3156)
contains.

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Color

Yxy(49.8232, 0.3134, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	C3B8C3
RGB	195, 184, 195
RGB Percent	76%, 72%, 76%
CMY	0.2351, 0.2785, 0.2353
CMYK	0.00, 0.06, 0.00, 0.24
HSL	300°, 8%, 74%
HSV	300°, 6%, 76%
XYZ	49.5073, 49.8232, 58.6378
YIQ	188.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

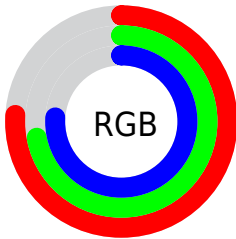
Format	Color
R _Y B	195, 184, 195
Decimal	12826819
CIE Lab	75.96, 5.92, -4.17
CIE LCh	76, 7.235, 324.847
Yxy	49.8232, 0.3134, 0.3154
Android (android.graphics.Color)	4291016899 (0xFFC3B8C3)
YUV	188.5430, 3.1833, 5.6628
Hunter-Lab	70.5856, 1.6715, 0.1557

Details

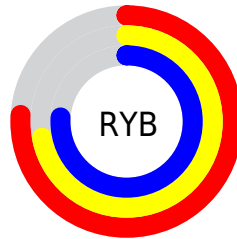
The Yxy color `49.8232, 0.3134, 0.3154` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `52.7069, 0.3120, 0.3430`, and the grayscale version is `50.5995, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.0439, 0.3133, 0.3174`, and `23.8184, 0.3135, 0.3123` is the 20% darker color. If you saturate the color by 10%, you get `42.2689, 0.3146, 0.2909`, and if you desaturate by 10%, it is `58.4991, 0.3122, 0.3391`.

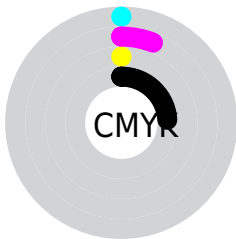
Distribution



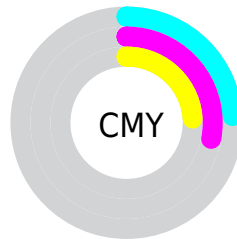
- Red (76%)
- Green (72%)
- Blue (76%)



- Red (76%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)





- Cyan (24%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.8232, 0.3134, 0.3154 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 49.8232, 0.3134, 0.3154 by changing the saturation by 10% instead.

 49.8232, 0.3134,
0.3154

 49.8232, 0.3134,
0.3154

385.9741, 0.3131,
0.3221

 35.2729, 0.3135,
0.3138

 89.9129, 0.3133,
0.3178

 23.8732, 0.3135,
0.3117


116.2211, 0.3133,
0.3187

 15.2396, 0.3136,
0.3090


147.2174, 0.3132,
0.3195

 8.9877, 0.3138,
0.3053

183.2861, 0.3132,
0.3201

 4.7332, 0.3139,
0.2999

224.8118, 0.3132,
0.3207

 2.0916, 0.3141,
0.2913

272.1788, 0.3131,

 0.6599, 0.3160,

0.3212

0.2702

325.7714, 0.3131,
0.3217

0.0000, 0.0000,
0.0000

49.8232, 0.3134,
0.3154

49.8232, 0.3134,
0.3154

42.2689, 0.3146,
0.2909

58.4991, 0.3122,
0.3391

35.7844, 0.3159,
0.2662

68.3330, 0.3111,
0.3616

30.3232, 0.3172,
0.2421

79.3676, 0.3100,
0.3827

25.8331, 0.3184,
0.2194

87.0874, 0.3094,
0.3952

22.2571, 0.3194,
0.1993

87.0918, 0.3094,
0.3951

■ 19.5324, 0.3204,
0.1824

■ 87.0962, 0.3093,
0.3950

■ 17.5883, 0.3211,
0.1695

■ 87.1006, 0.3092,
0.3949

■ 16.3427, 0.3217,
0.1608

■ 87.1050, 0.3092,
0.3948

■ 15.6938, 0.3220,
0.1562

■ 87.1094, 0.3091,
0.3947

Harmonies

Analogous

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



49.8232, 0.3037, 0.3123



49.8232, 0.3134, 0.3154



49.8232, 0.3231, 0.3220

Triad

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



49.8232, 0.3134, 0.3154



49.8232, 0.3291, 0.3446



49.8232, 0.2958, 0.3272

Complementary

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



49.8232, 0.3134, 0.3154



52.7069, 0.3120, 0.3430

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.



49.8232, 0.3024, 0.3361



49.8232, 0.3134, 0.3154



49.8232, 0.3216, 0.3463

Square

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



49.8232, 0.3134, 0.3154



49.8232, 0.3322, 0.3387



49.8232, 0.3118, 0.3432



49.8232, 0.2936, 0.3189

Rectangle

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



49.8232, 0.3134, 0.3154



49.8232, 0.3281, 0.3276



49.8232, 0.3118, 0.3432



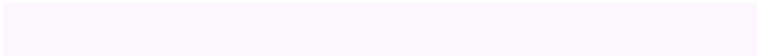
49.8232, 0.2975, 0.3302

Sweetspot

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



49.8253, 0.3134, 0.3154



94.6019, 0.3130, 0.3242



48.4068, 0.3042, 0.3149



20.7501, 0.3129, 0.3244



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.



49.8253, 0.3134, 0.3154



87.1207, 0.3136, 0.3119



49.5819, 0.3177, 0.3221



10.5658, 0.3136, 0.3110



10.0737, 0.3221, 0.1548



0.4355, 0.3219, 0.1547

Inverse Universe

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



49.8253, 0.3134, 0.3154



87.1207, 0.3136, 0.3119



52.9413, 0.3080, 0.3360



10.5658, 0.3136, 0.3110



10.0737, 0.3221, 0.1548



0.4355, 0.3219, 0.1547

Previews

White Background



This preview shows how the Yxy color 49.8232, 0.3134, 0.3154 looks on a white background.

Color Contrast Check

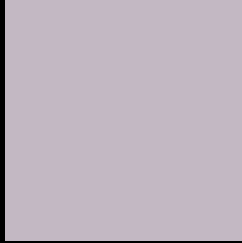
Large Text (above 18pt) WCAG AA × Fail

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 49.8232, 0.3134, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

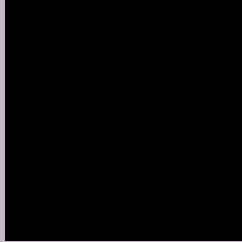
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

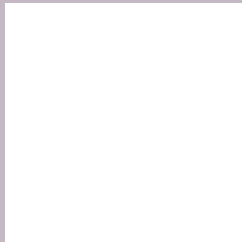
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.8232, 0.3134, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 49.8232, 0.3134, 0.3154.



This preview shows how white text looks on a background with the Yxy color 49.8232, 0.3134, 0.3154.

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

49.8232, 0.3134, 0.3154

Protanopia

49.7947, 0.3067, 0.3165

Deuteranopia

49.9526, 0.3194, 0.3132



Tritanopia

50.0940, 0.3119, 0.3118

Trichromacy



Original Color

49.8232, 0.3134, 0.3154

Protanomaly

49.7598, 0.3092, 0.3153

Deuteranomaly

49.9492, 0.3168, 0.3143

Tritanomaly

50.0480, 0.3126, 0.3130

Monochromacy



Original Color

49.8232, 0.3134, 0.3154

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3786, 0.3130, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8232, 0.3134, 0.3154 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(195, 184, 195)` looks like.

```
.text, #text, p{  
    color:rgb(195, 184, 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(195, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 184, 195) }
```

Border

The CSS property to change the border of an element to Yxy 49.8232, 0.3134, 0.3154 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(195, 184, 195) }
```

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

```
.border{ border-color:rgb(195, 184, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(195, 184,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8232, 0.3134, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 184, 195) }
```

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

```
.background{ background-color: rgb(195,  
184, 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](#).

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