

Converting Colors

Yxy(54.0947, 0.3152, 0.3204)

Have a look what the booklet for
Yxy(54.0947, 0.3152, 0.3204)
contains.

Yxy(54.2403, 0.3147, 0.3206)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2403, 0.3147, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	C9C0C7
RGB	201, 192, 199
RGB Percent	79%, 75%, 78%
CMY	0.2118, 0.2470, 0.2196
CMYK	0.00, 0.04, 0.01, 0.21
HSL	313°, 8%, 77%
HSV	313°, 4%, 79%
XYZ	53.2421, 54.2403, 61.7013
YIQ	195.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

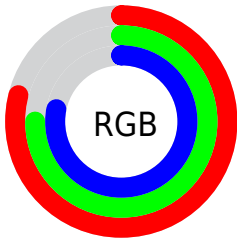
Format	Color
R _Y B	201, 192, 199
Decimal	13222087
CIE Lab	78.60, 4.40, -2.40
CIE LCh	79, 5.014, 331.434
Yxy	54.2403, 0.3147, 0.3206
Android (android.graphics.Color)	4291412167 (0xFFC9C0C7)
YUV	195.4890, 1.7309, 4.8331
Hunter-Lab	73.6480, 0.1584, 1.8813

Details

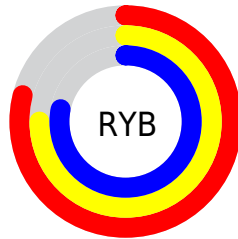
The Yxy color **54.2403, 0.3147, 0.3206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8654, 0.3108, 0.3375**, and the grayscale version is **54.8682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **26.7126, 0.3153, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **45.8085, 0.3197, 0.3012**, and if you desaturate by 10%, it is **63.8879, 0.3104, 0.3391**.

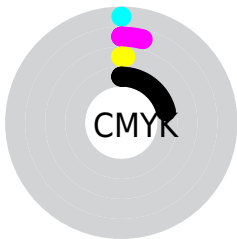
Distribution



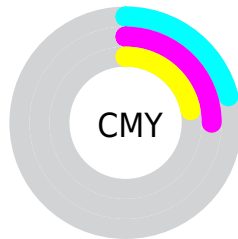
- Red (79%)
- Green (75%)
- Blue (78%)



- Red (79%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (21%)





- Cyan (21%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2403, 0.3147, 0.3206 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 54.2403, 0.3147, 0.3206 by changing the saturation by 10% instead.

 54.2403, 0.3147,
0.3206

 54.2403, 0.3147,
0.3206


403.0257, 0.3138,
0.3247

 38.7938, 0.3149,
0.3196


 96.4270, 0.3144,
0.3221

 26.5994, 0.3152,
0.3184


123.9360, 0.3142,
0.3226

 17.2726, 0.3156,
0.3168


156.2346, 0.3141,
0.3231

 10.4290, 0.3161,
0.3146

193.7072, 0.3140,
0.3235

 5.6843, 0.3168,
0.3114

236.7382, 0.3139,
0.3238

 2.6541, 0.3179,
0.3065

285.7120, 0.3139,

 0.9539, 0.3198,

0.3242

0.2978

341.0131, 0.3138,
0.3244

0.0000, 0.0000,
0.0000

54.2403, 0.3147,
0.3206

54.2403, 0.3147,
0.3206

45.8085, 0.3197,
0.3012

63.8879, 0.3104,
0.3391

38.5369, 0.3254,
0.2812

74.7902, 0.3068,
0.3565

32.3760, 0.3319,
0.2613

86.9928, 0.3038,
0.3727

27.2701, 0.3392,
0.2421

88.9266, 0.3013,
0.3705

23.1585, 0.3472,
0.2246

89.1588, 0.2989,
0.3656

■ 19.9743, 0.3557,
0.2098

■ 89.3973, 0.2965,
0.3607

■ 17.6425, 0.3644,
0.1987

■ 89.6419, 0.2942,
0.3558

■ 16.0764, 0.3731,
0.1919

■ 89.8928, 0.2918,
0.3510

■ 15.1705, 0.3815,
0.1898

■ 90.1501, 0.2895,
0.3462

Harmonies

Analogous

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



54.2403, 0.3080, 0.3179



54.2403, 0.3147, 0.3206



54.2403, 0.3209, 0.3255

Triad

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



54.2403, 0.3147, 0.3206



54.2403, 0.3229, 0.3400



54.2403, 0.3007, 0.3265

Complementary

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



54.2403, 0.3147, 0.3206



56.8654, 0.3108, 0.3375

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.



54.2403, 0.3046, 0.3325



54.2403, 0.3147, 0.3206



54.2403, 0.3174, 0.3404

Square

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



54.2403, 0.3147, 0.3206



54.2403, 0.3257, 0.3367



54.2403, 0.3107, 0.3377



54.2403, 0.2999, 0.3212

Rectangle

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



54.2403, 0.3147, 0.3206



54.2403, 0.3239, 0.3294



54.2403, 0.3107, 0.3377



54.2403, 0.3016, 0.3285

Sweetspot

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



54.2426, 0.3147, 0.3206



98.3478, 0.3132, 0.3271



53.3834, 0.3076, 0.3181



21.0679, 0.3131, 0.3272



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.



54.2426, 0.3147, 0.3206



91.9542, 0.3150, 0.3194



54.0385, 0.3181, 0.3260



11.4763, 0.3152, 0.3184



9.3496, 0.3849, 0.1894



0.4529, 0.3691, 0.1807

Inverse Universe

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



54.2426, 0.3147, 0.3206



91.9542, 0.3150, 0.3194



57.0687, 0.3076, 0.3321



11.4763, 0.3152, 0.3184



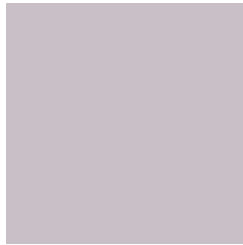
9.3496, 0.3849, 0.1894



0.4529, 0.3691, 0.1807

Previews

White Background



This preview shows how the Yxy color 54.2403, 0.3147, 0.3206 looks on a white background.

Color Contrast Check

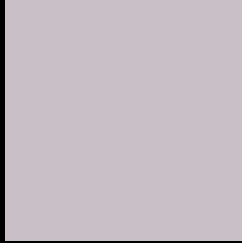
Large Text (above 18pt) WCAG AA × Fail

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 54.2403, 0.3147, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

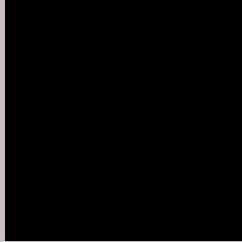
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

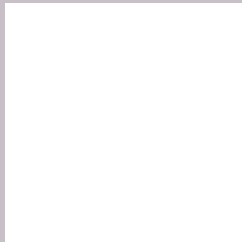
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2403, 0.3147, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 54.2403, 0.3147, 0.3206.



This preview shows how white text looks on a background with the Yxy color 54.2403, 0.3147, 0.3206.

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

54.2403, 0.3147, 0.3206

Protanopia

54.0458, 0.3099, 0.3205

Deuteranopia

54.4142, 0.3224, 0.3161



Tritanopia

54.2744, 0.3103, 0.3112

Trichromacy



Original Color

54.2403, 0.3147, 0.3206

Protanomaly

54.3158, 0.3115, 0.3206

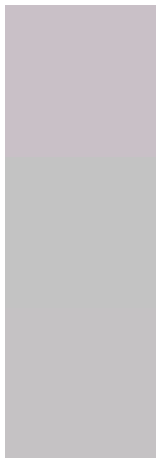
Deuteranomaly

54.2624, 0.3190, 0.3172

Tritanomaly

54.1300, 0.3126, 0.3147

Monochromacy



Original Color

54.2403, 0.3147, 0.3206

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4394, 0.3136, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2403, 0.3147, 0.3206 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(201, 192, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 192, 199)  
}
```

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(201, 192, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 192, 199) }
```

Border

The CSS property to change the border of an element to Yxy 54.2403, 0.3147, 0.3206 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(201, 192, 199) }
```

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

```
.border{ border-color:rgb(201, 192, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 192, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 192, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 192, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 192,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2403, 0.3147, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 192, 199) }
```

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

```
.background{ background-color: rgb(201,  
192, 199) }
```

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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