

Converting Colors

$Y_{xy}(49.5913, 0.3252, 0.3111)$

Have a look what the booklet for
Yxy(49.5913, 0.3252, 0.3111)
contains.

Yxy(49.5451, 0.3256, 0.3110)	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(49.5451, 0.3256, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	D0B3C2
RGB	208, 179, 194
RGB Percent	82%, 70%, 76%
CMY	0.1844, 0.2980, 0.2390
CMYK	0.00, 0.14, 0.07, 0.18
HSL	329°, 24%, 76%
HSV	329°, 14%, 82%
XYZ	51.8710, 49.5451, 57.8929
YIQ	189.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

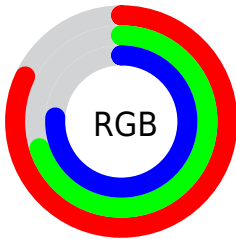
Format	Color
R _Y B	208, 179, 194
Decimal	13677506
CIE Lab	75.79, 12.96, -3.77
CIE LCh	76, 13.494, 343.782
Yxy	49.5451, 0.3256, 0.3110
Android (android.graphics.Color)	4291867586 (0xFFD0B3C2)
YUV	189.3810, 2.2772, 16.3289
Hunter-Lab	70.3883, 8.3619, 0.5070

Details

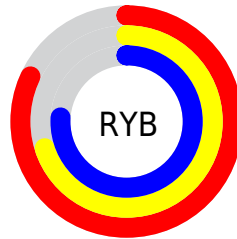
The Yxy color $49.5451, 0.3256, 0.3110$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.5379, 0.3015, 0.3477$, and the grayscale version is $51.1013, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.5788, 0.3167, 0.3145$, and $23.5875, 0.3292, 0.3065$ is the 20% darker color. If you saturate the color by 10%, you get $41.3945, 0.3371, 0.2974$, and if you desaturate by 10%, it is $58.9878, 0.3160, 0.3241$.

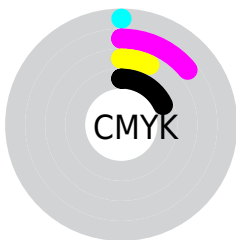
Distribution



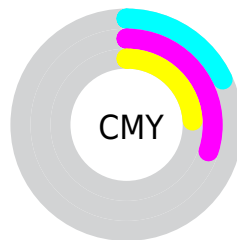
- Red (82%)
- Green (70%)
- Blue (76%)



- Red (82%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (18%)





- Cyan (18%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5451, 0.3256, 0.3110 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 49.5451, 0.3256, 0.3110 by changing the saturation by 10% instead.


 49.5451, 0.3256,
0.3110

 49.5451, 0.3256,
0.3110


384.8843, 0.3193,
0.3198

 35.0521, 0.3271,
0.3089


 89.5005, 0.3233,
0.3142

 23.7030, 0.3291,
0.3062


115.7317, 0.3225,
0.3153

 15.1135, 0.3317,
0.3026


146.6444, 0.3217,
0.3164

 8.8990, 0.3352,
0.2978

182.6230, 0.3211,
0.3172

 4.6754, 0.3404,
0.2907

224.0519, 0.3206,
0.3180

 2.0581, 0.3486,
0.2797

271.3155, 0.3201,

 0.6409, 0.3668,

0.3187

0.2533

324.7982, 0.3197,
0.3193

0.0000, 0.0000,
0.0000

49.5451, 0.3256,
0.3110

49.5451, 0.3256,
0.3110

41.3945, 0.3371,
0.2974

58.9878, 0.3160,
0.3241

34.4726, 0.3508,
0.2835

69.7693, 0.3081,
0.3364

28.7208, 0.3669,
0.2700

81.9418, 0.3015,
0.3478

24.0728, 0.3855,
0.2577

90.8726, 0.2960,
0.3510

20.4556, 0.4064,
0.2477

91.4644, 0.2906,
0.3403

■ 17.7875, 0.4290,
0.2412

■ 92.0892, 0.2854,
0.3299

■ 15.9740, 0.4526,
0.2394

■ 92.1481, 0.2849,
0.3289

■ 14.9008, 0.4758,
0.2429

■ 14.4890, 0.4895,
0.2470

Harmonies

Analogous

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



49.5451, 0.3069, 0.3010



49.5451, 0.3256, 0.3110



49.5451, 0.3412, 0.3255

Triad

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



49.5451, 0.3256, 0.3110



49.5451, 0.3351, 0.3613



49.5451, 0.2778, 0.3149

Complementary

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



49.5451, 0.3256, 0.3110



58.5379, 0.3015, 0.3477

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.



49.5451, 0.2849, 0.3316



49.5451, 0.3256, 0.3110



49.5451, 0.3177, 0.3591

Square

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



49.5451, 0.3256, 0.3110



49.5451, 0.3467, 0.3545



49.5451, 0.2994, 0.3481



49.5451, 0.2797, 0.3028

Rectangle

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



49.5451, 0.3256, 0.3110



49.5451, 0.3475, 0.3362



49.5451, 0.2994, 0.3481



49.5451, 0.2792, 0.3202

Sweetspot

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



49.5473, 0.3256, 0.3110



93.3518, 0.3161, 0.3239



48.0715, 0.3015, 0.2935



19.7219, 0.3168, 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.



49.5473, 0.3256, 0.3110



74.1209, 0.3291, 0.3066



48.9444, 0.3374, 0.3279



11.9092, 0.3210, 0.3170



9.0513, 0.4865, 0.2454



0.5221, 0.4480, 0.2242

Inverse Universe

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



49.5473, 0.3256, 0.3110



74.1209, 0.3291, 0.3066



59.1959, 0.2923, 0.3301



11.9092, 0.3210, 0.3170



9.0513, 0.4865, 0.2454



0.5221, 0.4480, 0.2242

Previews

White Background



This preview shows how the Yxy color 49.5451, 0.3256, 0.3110 looks on a white background.

Color Contrast Check

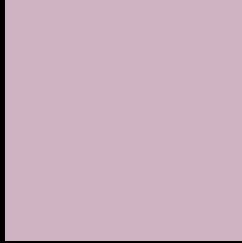
Large Text (above 18pt) WCAG AA × Fail

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 49.5451, 0.3256, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

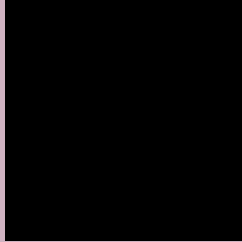
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5451, 0.3256, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 49.5451, 0.3256, 0.3110.



This preview shows how white text looks on a background with the Yxy color 49.5451, 0.3256, 0.3110.

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

49.5451, 0.3256, 0.3110

Protanopia

49.7598, 0.3044, 0.3140

Deuteranopia

49.4993, 0.3203, 0.3132



Tritanopia

49.5004, 0.3265, 0.3122

Trichromacy



Original Color

49.5451, 0.3256, 0.3110

Protanomaly

49.5003, 0.3118, 0.3117

Deuteranomaly

49.3749, 0.3221, 0.3121

Tritanomaly

49.5004, 0.3265, 0.3122

Monochromacy



Original Color

49.5451, 0.3256, 0.3110

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.1953, 0.3173, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5451, 0.3256, 0.3110 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(208, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(208, 179, 194)  
}
```

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(208, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 179, 194) }
```

Border

The CSS property to change the border of an element to Yxy 49.5451, 0.3256, 0.3110 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(208, 179, 194) }
```

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

```
.border{ border-color:rgb(208, 179, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 179, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 179, 194);  
box-shadow:4px 4px 4px 4px rgb(208, 179,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5451, 0.3256, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 179, 194) }
```

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

```
.background{ background-color: rgb(208,  
179, 194) }
```

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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