

Converting Colors

$Y_{xy}(29.2905, 0.3227, 0.3154)$

Have a look what the booklet for
Yxy(29.2905, 0.3227, 0.3154)
contains.

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Color

Yxy(29.3855, 0.3219, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	A08F98
RGB	160, 143, 152
RGB Percent	63%, 56%, 60%
CMY	0.3724, 0.4392, 0.4040
CMYK	0.00, 0.11, 0.05, 0.37
HSL	328°, 8%, 59%
HSV	328°, 11%, 63%
XYZ	29.9911, 29.3855, 33.7924
YIQ	149.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

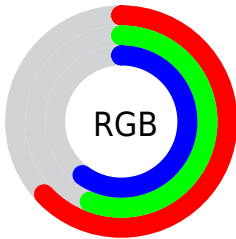
Format	Color
R _Y B	160, 143, 152
Decimal	10522520
CIE Lab	61.12, 7.98, -2.44
CIE LCh	61, 8.349, 342.982
Yxy	29.3855, 0.3219, 0.3154
Android (android.graphics.Color)	4288712600 (0xFFA08F98)
YUV	149.1090, 1.4253, 9.5514
Hunter-Lab	54.2084, 3.8914, 0.9857

Details

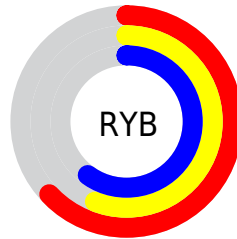
The Yxy color **29.3855, 0.3219, 0.3154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2275, 0.3044, 0.3430**, and the grayscale version is **30.0965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8358, 0.3203, 0.3187**, and **11.9564, 0.3244, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **24.6803, 0.3323, 0.3020**, and if you desaturate by 10%, it is **34.7944, 0.3132, 0.3282**.

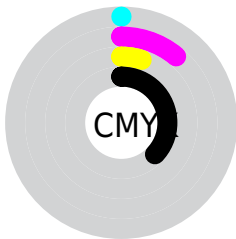
Distribution



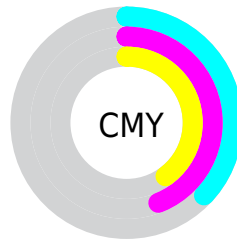
- Red (63%)
- Green (56%)
- Blue (60%)



- Red (63%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (37%)





- Cyan (37%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3855, 0.3219, 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 29.3855, 0.3219, 0.3154 by changing the saturation by 10% instead.


 29.3855, 0.3219,
0.3154


 29.3855, 0.3219,
0.3154


299.0295, 0.3170,
0.3227

 19.3726, 0.3232,
0.3134


 58.6890, 0.3200,
0.3182

 11.9398, 0.3250,
0.3108


 78.7485, 0.3194,
0.3192

 6.7027, 0.3276,
0.3070


 102.9255, 0.3188,
0.3200

 3.2769, 0.3315,
0.3014

131.6047, 0.3183,
0.3207

 1.2779, 0.3381,
0.2918

165.1702, 0.3179,
0.3213

 0.1240, 0.4211,
0.1670

204.0066, 0.3176,

 0.0000, 0.0000,

0.3218

0.0000

248.4983, 0.3173,
0.3223

■ 29.3855, 0.3219,
0.3154

■ 29.3855, 0.3219,
0.3154

■ 24.6803, 0.3323,
0.3020

■ 34.7944, 0.3132,
0.3282

■ 20.6459, 0.3447,
0.2882

■ 40.9308, 0.3060,
0.3402

■ 17.2523, 0.3592,
0.2745

■ 47.8217, 0.3000,
0.3513

■ 14.4658, 0.3761,
0.2616

■ 55.4919, 0.2951,
0.3616

■ 12.2495, 0.3952,
0.2504

■ 63.9649, 0.2910,
0.3710

■ 10.5625, 0.4162,
0.2422

■ 73.2634, 0.2875,
0.3796

■ 9.3585, 0.4385,
0.2379

■ 83.3982, 0.2847,
0.3875

■ 8.5827, 0.4610,
0.2386

■ 83.7716, 0.2809,
0.3783

■ 8.1248, 0.4819,
0.2428

■ 84.1628, 0.2772,
0.3692

Harmonies

Analogous

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



29.3855, 0.3081, 0.3081



29.3855, 0.3219, 0.3154



29.3855, 0.3334, 0.3262

Triad

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



29.3855, 0.3219, 0.3154



29.3855, 0.3296, 0.3527



29.3855, 0.2869, 0.3191

Complementary

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



29.3855, 0.3219, 0.3154



33.2275, 0.3044, 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.



29.3855, 0.2924, 0.3314



29.3855, 0.3219, 0.3154



29.3855, 0.3169, 0.3511

Square

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



29.3855, 0.3219, 0.3154



29.3855, 0.3378, 0.3477



29.3855, 0.3033, 0.3432



29.3855, 0.2881, 0.3099

Rectangle

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



29.3855, 0.3219, 0.3154



29.3855, 0.3381, 0.3341



29.3855, 0.3033, 0.3432



29.3855, 0.2880, 0.3230

Sweetspot

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



29.3868, 0.3219, 0.3154



60.6631, 0.3152, 0.3252



28.7565, 0.3045, 0.3028



13.1320, 0.3158, 0.3242



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.3868, 0.3219, 0.3154



50.9896, 0.3244, 0.3120



29.1204, 0.3305, 0.3282



6.7017, 0.3206, 0.3173



6.3353, 0.4800, 0.2418



0.1218, 0.4033, 0.1995

Inverse Universe

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



29.3868, 0.3219, 0.3154



50.9896, 0.3244, 0.3120



33.5113, 0.2973, 0.3298



6.7017, 0.3206, 0.3173



6.3353, 0.4800, 0.2418



0.1218, 0.4033, 0.1995

Previews

White Background



This preview shows how the Yxy color 29.3855, 0.3219, 0.3154 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3855, 0.3219, 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 × Fail

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

Yxy 29.3855, 0.3219, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 29.3855, 0.3219, 0.3154.



This preview shows how white text looks on a background with the Yxy color 29.3855, 0.3219, 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

29.3855, 0.3219, 0.3154

Protanopia

29.4964, 0.3071, 0.3181

Deuteranopia

29.3855, 0.3219, 0.3154



Tritanopia

29.4516, 0.3198, 0.3124

Trichromacy



Original Color

29.3855, 0.3219, 0.3154

Protanomaly

29.5331, 0.3122, 0.3182

Deuteranomaly

29.3855, 0.3219, 0.3154

Tritanomaly

29.4184, 0.3208, 0.3139

Monochromacy



Original Color

29.3855, 0.3219, 0.3154

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.8417, 0.3160, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3855, 0.3219, 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(160, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(160, 143, 152)  
}
```

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(160, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 143, 152) }
```

Border

The CSS property to change the border of an element to Yxy 29.3855, 0.3219, 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(160, 143, 152) }
```

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

```
.border{ border-color:rgb(160, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(160, 143,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3855, 0.3219, 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(160, 143, 152) }
```

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

```
.background{ background-color: rgb(160,  
143, 152) }
```

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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