

Converting Colors

$Y_{xy}(29.7850, 0.3214, 0.3367)$

Have a look what the booklet for
Yxy(29.7850, 0.3214, 0.3367)
contains.

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Color

Yxy(29.8384, 0.3217, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	98948F
RGB	152, 148, 143
RGB Percent	60%, 58%, 56%
CMY	0.4040, 0.4196, 0.4393
CMYK	0.00, 0.03, 0.06, 0.40
HSL	34°, 4%, 58%
HSV	34°, 6%, 60%
XYZ	28.4922, 29.8384, 30.2370
YIQ	148.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

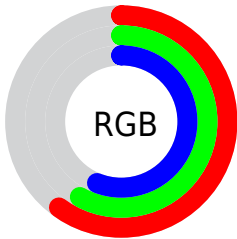
Format	Color
RYB	150, 152, 143
Decimal	9999503
CIELab	61.51, 0.52, 3.16
CIELCh	62, 3.204, 80.727
Yxy	29.8384, 0.3217, 0.3369
Android (android.graphics.Color)	4288189583 (0xFF98948F)
YUV	148.6260, -2.7736, 2.9590
Hunter-Lab	54.6245, -2.4873, 5.4177

Details

The Yxy color **29.8384, 0.3217, 0.3369** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.9548, 0.3039, 0.3210**, and the grayscale version is **29.8992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3941, 0.3194, 0.3349**, and **12.1064, 0.3245, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **27.3692, 0.3384, 0.3509**, and if you desaturate by 10%, it is **32.4941, 0.3069, 0.3237**.

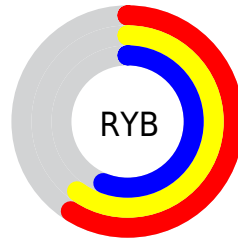
Distribution



Red (60%)

Green (58%)

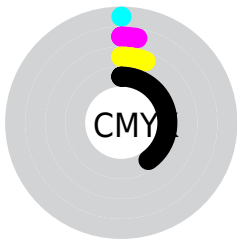
Blue (56%)



Red (59%)

Yellow (60%)

Blue (56%)

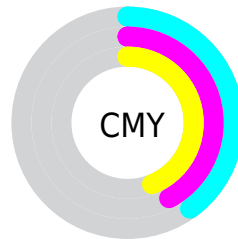


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.8384, 0.3217, 0.3369 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 29.8384, 0.3217, 0.3369 by changing the saturation by 10% instead.

■ 29.8384, 0.3217,
0.3369

■ 29.8384, 0.3217,
0.3369

301.1505, 0.3169,
0.3327

■ 19.7160, 0.3230,
0.3381

■ 59.4065, 0.3199,
0.3353

■ 12.1887, 0.3248,
0.3396

■ 79.6210, 0.3192,
0.3347

■ 6.8724, 0.3274,
0.3419

103.9683, 0.3186,
0.3342

■ 3.3824, 0.3313,
0.3453

132.8327, 0.3182,
0.3338

■ 1.3345, 0.3381,
0.3511

166.5988, 0.3178,
0.3335

■ 0.1677, 0.5063,
0.4937

205.6508, 0.3174,

■ 0.0000, 0.0000,

0.3332

0.0000

250.3733, 0.3171,
0.3329

■ 29.8384, 0.3217,
0.3369

■ 29.8384, 0.3217,
0.3369

■ 27.3692, 0.3384,
0.3509

■ 32.4941, 0.3069,
0.3237

■ 25.0782, 0.3571,
0.3654

■ 35.3369, 0.2938,
0.3114

■ 22.9618, 0.3778,
0.3800

■ 38.3721, 0.2823,
0.3001

■ 21.0152, 0.4003,
0.3942

■ 41.6038, 0.2722,
0.2896

■ 19.2329, 0.4242,
0.4072

■ 45.0359, 0.2633,
0.2800

■ 17.6093, 0.4486,
0.4179

■ 48.6721, 0.2555,
0.2712

■ 16.1382, 0.4725,
0.4251

■ 52.5161, 0.2485,
0.2632

■ 14.8127, 0.4946,
0.4278

■ 55.9401, 0.2470,
0.2656

■ 13.6242, 0.5138,
0.4256

■ 59.1427, 0.2483,
0.2739

Harmonies

Analogous

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



29.8384, 0.3229, 0.3336



29.8384, 0.3217, 0.3369



29.8384, 0.3181, 0.3381

Triad

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



29.8384, 0.3217, 0.3369



29.8384, 0.3041, 0.3287



29.8384, 0.3124, 0.3214

Complementary

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



29.8384, 0.3217, 0.3369



28.9548, 0.3039, 0.3210

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.



29.8384, 0.3074, 0.3201



29.8384, 0.3217, 0.3369



29.8384, 0.3026, 0.3243

Square

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



29.8384, 0.3217, 0.3369



29.8384, 0.3079, 0.3333



29.8384, 0.3038, 0.3211



29.8384, 0.3175, 0.3248

Rectangle

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



29.8384, 0.3217, 0.3369



29.8384, 0.3148, 0.3375



29.8384, 0.3038, 0.3211



29.8384, 0.3106, 0.3208

Sweetspot

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



29.8397, 0.3217, 0.3369



54.4673, 0.3157, 0.3317



28.4203, 0.3183, 0.3227



12.3929, 0.3156, 0.3315



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



29.8397, 0.3217, 0.3369



52.1395, 0.3236, 0.3386



31.0611, 0.3207, 0.3430



6.8754, 0.3240, 0.3389



11.1103, 0.5206, 0.4248



0.2385, 0.4686, 0.4662

Inverse Universe

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



28.9548, 0.3039, 0.3210



50.2703, 0.3021, 0.3193



27.7842, 0.3045, 0.3146



6.6202, 0.3017, 0.3189



5.3243, 0.1729, 0.1424



0.1504, 0.1951, 0.2222

Previews

White Background



This preview shows how the Yxy color 29.8384, 0.3217, 0.3369 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 29.8384, 0.3217, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

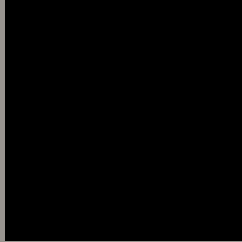
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

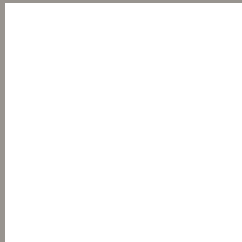
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.8384, 0.3217, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 29.8384, 0.3217, 0.3369.



This preview shows how white text looks on a background with the Yxy color 29.8384, 0.3217, 0.3369.

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

29.8384, 0.3217, 0.3369

Protanopia

29.8384, 0.3217, 0.3369

Deuteranopia

29.9595, 0.3353, 0.3291



Tritanopia

29.8621, 0.3104, 0.3122

Trichromacy



Original Color

29.8384, 0.3217, 0.3369

Protanomaly

29.8384, 0.3217, 0.3369

Deuteranomaly

29.7380, 0.3297, 0.3306

Tritanomaly

29.9067, 0.3141, 0.3213

Monochromacy



Original Color

29.8384, 0.3217, 0.3369

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.0855, 0.3156, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8384, 0.3217, 0.3369 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(152, 148, 143)` looks like.

```
.text, #text, p{  
    color:rgb(152, 148, 143)  
}
```

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(152, 148, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 148, 143) }
```

Border

The CSS property to change the border of an element to Yxy 29.8384, 0.3217, 0.3369 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(152, 148, 143) }
```

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

```
.border{ border-color:rgb(152, 148, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 148, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 148, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 148, 143);  
box-shadow:4px 4px 4px 4px rgb(152, 148,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8384, 0.3217, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 148, 143) }
```

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

```
.background{ background-color: rgb(152,  
148, 143) }
```

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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