

Converting Colors

$Yxy(30.2897, 0.3293, 0.3380)$

Have a look what the booklet for
Yxy(30.2897, 0.3293, 0.3380)
contains.

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Color

Yxy(30.4019, 0.3290, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	9E948E
RGB	158, 148, 142
RGB Percent	62%, 58%, 56%
CMY	0.3806, 0.4195, 0.4432
CMYK	0.00, 0.06, 0.10, 0.38
HSL	23°, 8%, 59%
HSV	23°, 10%, 62%
XYZ	29.5661, 30.4019, 29.8986
YIQ	150.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

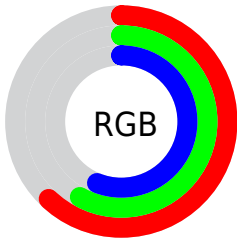
Format	Color
R _Y B	158, 152, 142
Decimal	10392718
CIE Lab	62.00, 2.58, 4.49
CIE LCh	62, 5.175, 60.111
Yxy	30.4019, 0.3290, 0.3383
Android (android.graphics.Color)	4288582798 (0xFF9E948E)
YUV	150.3060, -4.0949, 6.7476
Hunter-Lab	55.1379, -0.7758, 6.4464

Details

The Yxy color **30.4019, 0.3290, 0.3383** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.6522, 0.2975, 0.3195**, and the grayscale version is **30.6496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3727, 0.3257, 0.3360**, and **12.4479, 0.3353, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **27.0061, 0.3478, 0.3481**, and if you desaturate by 10%, it is **34.1298, 0.3129, 0.3291**.

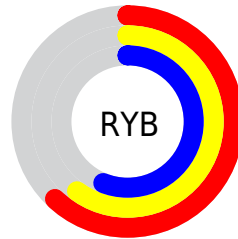
Distribution



Red (62%)

Green (58%)

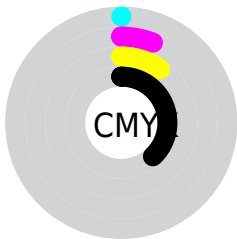
Blue (56%)



Red (62%)

Yellow (60%)

Blue (56%)

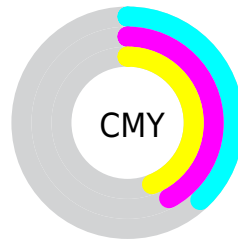


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (38%)



Cyan (38%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4019, 0.3290, 0.3383 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 30.4019, 0.3290, 0.3383 by changing the saturation by 10% instead.

 30.4019, 0.3290,
0.3383


 30.4019, 0.3290,
0.3383


303.7733, 0.3203,
0.3334


 20.1438, 0.3314,
0.3396


 60.2972, 0.3257,
0.3364

 12.4996, 0.3347,
0.3414

 80.7032, 0.3245,
0.3358

 7.0849, 0.3393,
0.3439


 105.2606, 0.3235,
0.3352

 3.5153, 0.3463,
0.3477

134.3539, 0.3226,
0.3347

 1.4063, 0.3584,
0.3539

168.3675, 0.3219,
0.3343

 0.2214, 0.5525,
0.4475

207.6856, 0.3213,

 0.0000, 0.0000,

0.3340

0.0000

252.6928, 0.3207,
0.3336

■ 30.4019, 0.3290,
0.3383

■ 30.4019, 0.3290,
0.3383

■ 27.0061, 0.3478,
0.3481

■ 34.1298, 0.3129,
0.3291

■ 23.9290, 0.3696,
0.3582

■ 38.1948, 0.2991,
0.3205

■ 21.1623, 0.3947,
0.3683

■ 42.6065, 0.2872,
0.3127

■ 18.6957, 0.4229,
0.3777

■ 47.3734, 0.2771,
0.3054

■ 16.5183, 0.4539,
0.3857

■ 52.5034, 0.2684,
0.2988

■ 14.6183, 0.4865,
0.3911

■ 58.0040, 0.2608,
0.2928

■ 12.9834, 0.5188,
0.3927

■ 63.8829, 0.2543,
0.2873

■ 11.5995, 0.5483,
0.3894

■ 69.2565, 0.2548,
0.2964

■ 10.4558, 0.5739,
0.3825

■ 74.7813, 0.2565,
0.3080

Harmonies

Analogous

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



30.4019, 0.3279, 0.3316



30.4019, 0.3290, 0.3383



30.4019, 0.3257, 0.3427

Triad

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



30.4019, 0.3290, 0.3383



30.4019, 0.3028, 0.3337



30.4019, 0.3065, 0.3151

Complementary

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



30.4019, 0.3290, 0.3383



30.6522, 0.2975, 0.3195

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.



30.4019, 0.2999, 0.3155



30.4019, 0.3290, 0.3383



30.4019, 0.2978, 0.3261

Square

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



30.4019, 0.3290, 0.3383



30.4019, 0.3105, 0.3401



30.4019, 0.2967, 0.3195



30.4019, 0.3148, 0.3183

Rectangle

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



30.4019, 0.3290, 0.3383



30.4019, 0.3214, 0.3436



30.4019, 0.2967, 0.3195



30.4019, 0.3040, 0.3148

Sweetspot

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



30.4032, 0.3290, 0.3383



59.9539, 0.3174, 0.3317



28.8796, 0.3197, 0.3136



13.3955, 0.3186, 0.3325



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.



30.4032, 0.3290, 0.3383



53.8814, 0.3328, 0.3403



32.9369, 0.3277, 0.3500



7.0359, 0.3275, 0.3375



8.4500, 0.5724, 0.3837



0.2294, 0.5046, 0.4375

Inverse Universe

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



30.6522, 0.2975, 0.3195



54.4210, 0.2943, 0.3174



28.2014, 0.2974, 0.3070



7.0884, 0.2988, 0.3204



9.1068, 0.1898, 0.2031



0.2421, 0.2054, 0.2593

Previews

White Background



This preview shows how the Yxy color 30.4019, 0.3290, 0.3383 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 30.4019, 0.3290, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

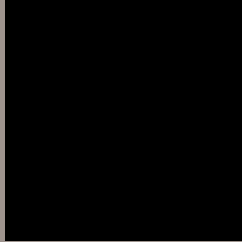
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

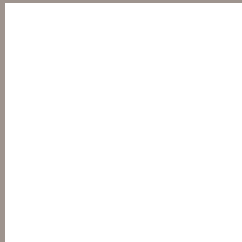
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4019, 0.3290, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 30.4019, 0.3290, 0.3383.



This preview shows how white text looks on a background with the Yxy color 30.4019, 0.3290, 0.3383.

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

30.4019, 0.3290, 0.3383

Protanopia

30.3481, 0.3237, 0.3384

Deuteranopia

30.4495, 0.3383, 0.3321



Tritanopia

30.4657, 0.3166, 0.3125

Trichromacy



Original Color

30.4019, 0.3290, 0.3383

Protanomaly

30.4466, 0.3247, 0.3383

Deuteranomaly

30.4335, 0.3348, 0.3336

Tritanomaly

30.5054, 0.3203, 0.3215

Monochromacy



Original Color

30.4019, 0.3290, 0.3383

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.3738, 0.3187, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4019, 0.3290, 0.3383 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(158, 148, 142)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 142)  
}
```

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(158, 148, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 142) }
```

Border

The CSS property to change the border of an element to Yxy 30.4019, 0.3290, 0.3383 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(158, 148, 142) }
```

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

```
.border{ border-color:rgb(158, 148, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 142);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4019, 0.3290, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 142) }
```

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

```
.background{ background-color: rgb(158,  
148, 142) }
```

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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