

Converting Colors

$Y_{xy}(30.7262, 0.3318, 0.3262)$

Have a look what the booklet for
Yxy(30.7262, 0.3318, 0.3262)
contains.

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Color

Yxy(30.8029, 0.3319, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	A69294
RGB	166, 146, 148
RGB Percent	65%, 57%, 58%
CMY	0.3490, 0.4274, 0.4197
CMYK	0.00, 0.12, 0.11, 0.35
HSL	354°, 10%, 61%
HSV	354°, 12%, 65%
XYZ	31.3508, 30.8029, 32.3048
YIQ	152.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

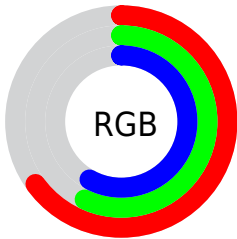
Format	Color
R _Y B	166, 146, 148
Decimal	10916500
CIE Lab	62.34, 7.79, 1.68
CIE LCh	62, 7.969, 12.153
Yxy	30.8029, 0.3319, 0.3261
Android (android.graphics.Color)	4289106580 (0xFFA69294)
YUV	152.2080, -2.0745, 12.0956
Hunter-Lab	55.5004, 3.7045, 4.3396

Details

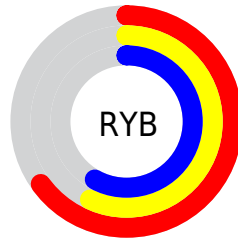
The Yxy color **30.8029, 0.3319, 0.3261** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0686, 0.2963, 0.3319**, and the grayscale version is **31.5002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9450, 0.3278, 0.3268**, and **12.8062, 0.3391, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **25.6089, 0.3521, 0.3235**, and if you desaturate by 10%, it is **36.8040, 0.3156, 0.3285**.

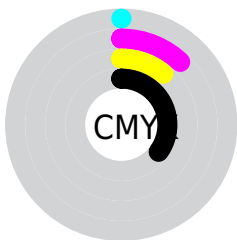
Distribution



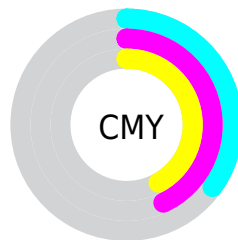
- Red (65%)
- Green (57%)
- Blue (58%)



- Red (65%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (35%)





- Cyan (35%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8029, 0.3319, 0.3261 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 30.8029, 0.3319, 0.3261 by changing the saturation by 10% instead.


 30.8029, 0.3319,
0.3261


 30.8029, 0.3319,
0.3261


305.6293, 0.3216,
0.3277

 20.4488, 0.3347,
0.3256


 60.9296, 0.3280,
0.3267

 12.7217, 0.3385,
0.3250

 81.4710, 0.3266,
0.3269

 7.2372, 0.3439,
0.3241


106.1770, 0.3254,
0.3271

 3.6109, 0.3521,
0.3226

135.4320, 0.3244,
0.3273

 1.4584, 0.3662,
0.3200

169.6203, 0.3236,
0.3274

 0.2592, 0.5072,
0.3012


209.1263, 0.3228,


 0.0000, 0.0000,


0.3275


0.0000


254.3345, 0.3222,
0.3276

 30.8029, 0.3319,
0.3261

 30.8029, 0.3319,
0.3261


 25.6089, 0.3521,
0.3235

 36.8040, 0.3156,
0.3285

 21.1837, 0.3770,
0.3209

 43.6403, 0.3025,
0.3308


 17.4921, 0.4074,
0.3184

 51.3436, 0.2919,
0.3328

 14.4942, 0.4438,
0.3163

 59.9427, 0.2832,
0.3347

 12.1468, 0.4853,
0.3150

 69.4652, 0.2761,
0.3363

■ 10.4014, 0.5298,
0.3150

■ 79.9375, 0.2703,
0.3378

■ 9.2031, 0.5725,
0.3168

■ 86.6984, 0.2644,
0.3314

■ 8.4865, 0.6074,
0.3204

■ 86.8481, 0.2633,
0.3289

■ 8.1470, 0.6275,
0.3230

Harmonies

Analogous

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



30.8029, 0.3210, 0.3160



30.8029, 0.3319, 0.3261



30.8029, 0.3376, 0.3372

Triad

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



30.8029, 0.3319, 0.3261



30.8029, 0.3170, 0.3499



30.8029, 0.2895, 0.3113

Complementary

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



30.8029, 0.3319, 0.3261



36.0686, 0.2963, 0.3319

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.



30.8029, 0.2885, 0.3200



30.8029, 0.3319, 0.3261



30.8029, 0.3042, 0.3426

Square

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



30.8029, 0.3319, 0.3261



30.8029, 0.3288, 0.3512



30.8029, 0.2938, 0.3316



30.8029, 0.2966, 0.3074

Rectangle

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



30.8029, 0.3319, 0.3261



30.8029, 0.3376, 0.3437



30.8029, 0.2938, 0.3316



30.8029, 0.2884, 0.3137

Sweetspot

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



30.8043, 0.3319, 0.3261



64.4647, 0.3187, 0.3281



31.2055, 0.3120, 0.2998



14.2410, 0.3198, 0.3279



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.8043, 0.3319, 0.3261



53.6944, 0.3360, 0.3255



33.2965, 0.3324, 0.3409



7.5540, 0.3271, 0.3268



6.3202, 0.6261, 0.3223



0.1574, 0.5726, 0.2928

Inverse Universe

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



30.8043, 0.3319, 0.3261



53.6944, 0.3360, 0.3255



33.3209, 0.2944, 0.3168



7.5540, 0.3271, 0.3268



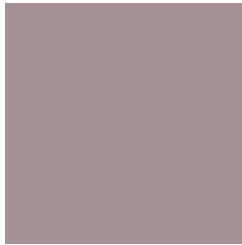
6.3202, 0.6261, 0.3223



0.1574, 0.5726, 0.2928

Previews

White Background



This preview shows how the Yxy color 30.8029, 0.3319, 0.3261 looks on a white background.

Color Contrast Check

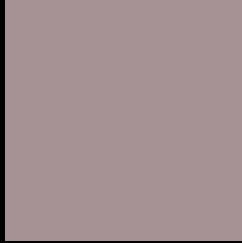
Large Text (above 18pt) WCAG AA × Fail

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 30.8029, 0.3319, 0.3261 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 30.8029, 0.3319, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 30.8029, 0.3319, 0.3261.



This preview shows how white text looks on a background with the Yxy color 30.8029, 0.3319, 0.3261.

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

30.8029, 0.3319, 0.3261

Protanopia

30.7870, 0.3158, 0.3290

Deuteranopia

30.8029, 0.3319, 0.3261



Tritanopia

30.8666, 0.3250, 0.3129

Trichromacy



Original Color

30.8029, 0.3319, 0.3261

Protanomaly

30.9339, 0.3220, 0.3290

Deuteranomaly

30.8029, 0.3319, 0.3261

Tritanomaly

30.7662, 0.3280, 0.3173

Monochromacy



Original Color

30.8029, 0.3319, 0.3261

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.2152, 0.3189, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8029, 0.3319, 0.3261 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(166, 146, 148)` looks like.

```
.text, #text, p{  
    color:rgb(166, 146, 148)  
}
```

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(166, 146, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 146, 148) }
```

Border

The CSS property to change the border of an element to Yxy 30.8029, 0.3319, 0.3261 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(166, 146, 148) }
```

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

```
.border{ border-color:rgb(166, 146, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 146, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 146, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 146, 148);  
box-shadow:4px 4px 4px 4px rgb(166, 146,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8029, 0.3319, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 146, 148) }
```

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

```
.background{ background-color: rgb(166,  
146, 148) }
```

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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