

Converting Colors

$Yxy(30.6067, 0.3099, 0.3083)$

Have a look what the booklet for
Yxy(30.6067, 0.3099, 0.3083)
contains.

Yxy(30.6087, 0.3096, 0.3080)	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(30.6087, 0.3096, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	9D93A1
RGB	157, 147, 161
RGB Percent	62%, 58%, 63%
CMY	0.3844, 0.4235, 0.3686
CMYK	0.02, 0.09, 0.00, 0.37
HSL	283°, 7%, 60%
HSV	283°, 9%, 63%
XYZ	30.7677, 30.6087, 38.0025
YIQ	151.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

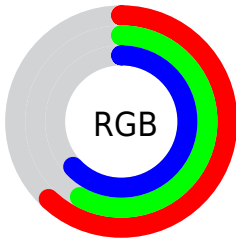
Format	Color
RYB	157, 147, 161
Decimal	10326945
CIELab	62.18, 6.35, -6.03
CIELCh	62, 8.754, 316.474
Yxy	30.6087, 0.3096, 0.3080
Android (android.graphics.Color)	4288517025 (0xFF9D93A1)
YUV	151.5860, 4.6411, 4.7481
Hunter-Lab	55.3251, 2.4494, -1.9983

Details

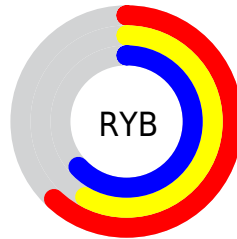
The Yxy color **30.6087, 0.3096, 0.3080** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1775, 0.3156, 0.3504**, and the grayscale version is **31.1904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7282, 0.3104, 0.3120**, and **12.5557, 0.3082, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **25.4915, 0.3054, 0.2825**, and if you desaturate by 10%, it is **36.4469, 0.3131, 0.3321**.

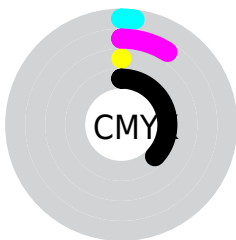
Distribution



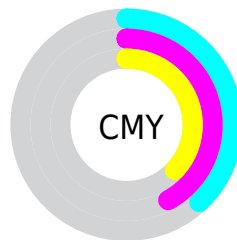
- Red (62%)
- Green (58%)
- Blue (63%)



- Red (62%)
- Yellow (58%)
- Blue (63%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6087, 0.3096, 0.3080 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 30.6087, 0.3096, 0.3080 by changing the saturation by 10% instead.

■ 30.6087, 0.3096,
0.3080

■ 30.6087, 0.3096,
0.3080

304.7315, 0.3113,
0.3191

■ 20.3011, 0.3091,
0.3050

■ 60.6235, 0.3103,
0.3122

■ 12.6141, 0.3084,
0.3011

■ 81.0994, 0.3105,
0.3137

■ 7.1633, 0.3074,
0.2955

105.7336, 0.3107,
0.3150

■ 3.5645, 0.3059,
0.2873

134.9104, 0.3109,
0.3161

■ 1.4330, 0.3031,
0.2737

169.0141, 0.3110,
0.3170

■ 0.2409, 0.2934,
0.1841

208.4293, 0.3111,

■ 0.0000, 0.0000,

0.3178

0.0000

253.5403, 0.3112,
0.3185

■ 30.6087, 0.3096,
0.3080

■ 30.6087, 0.3096,
0.3080

■ 25.4915, 0.3054,
0.2825

■ 36.4469, 0.3131,
0.3321

■ 21.0622, 0.3004,
0.2561

■ 43.0297, 0.3161,
0.3544

■ 17.2911, 0.2946,
0.2294

■ 50.3842, 0.3184,
0.3750

■ 14.1445, 0.2882,
0.2033

■ 58.5353, 0.3203,
0.3938

■ 11.5858, 0.2812,
0.1788

■ 67.5066, 0.3218,
0.4107

■ 9.5745, 0.2737,
0.1571

■ 77.3206, 0.3229,
0.4261

■ 8.0650, 0.2660,
0.1392

■ 84.9577, 0.3244,
0.4357

■ 7.0038, 0.2584,
0.1257

■ 85.5602, 0.3274,
0.4347

■ 6.2874, 0.2510,
0.1163

■ 86.1818, 0.3303,
0.4337

Harmonies

Analogous

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



30.6087, 0.2965, 0.3052



30.6087, 0.3096, 0.3080



30.6087, 0.3238, 0.3161

Triad

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



30.6087, 0.3096, 0.3080



30.6087, 0.3380, 0.3493



30.6087, 0.2907, 0.3299

Complementary

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



30.6087, 0.3096, 0.3080



34.1775, 0.3156, 0.3504

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.



30.6087, 0.3014, 0.3424



30.6087, 0.3096, 0.3080



30.6087, 0.3288, 0.3537

Square

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



30.6087, 0.3096, 0.3080



30.6087, 0.3404, 0.3396



30.6087, 0.3153, 0.3513



30.6087, 0.2858, 0.3174

Rectangle

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



30.6087, 0.3096, 0.3080



30.6087, 0.3319, 0.3235



30.6087, 0.3153, 0.3513



30.6087, 0.2937, 0.3343

Sweetspot

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



30.6100, 0.3096, 0.3080



60.5469, 0.3117, 0.3217



30.9771, 0.2996, 0.3139



13.1000, 0.3114, 0.3199



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.



30.6100, 0.3096, 0.3080



53.3655, 0.3090, 0.3043



30.9232, 0.3164, 0.3124



7.0995, 0.3094, 0.3065



4.9737, 0.2506, 0.1154



0.1266, 0.2775, 0.1302

Inverse Universe

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



30.6830, 0.3234, 0.3230



53.5215, 0.3254, 0.3219



33.8884, 0.3093, 0.3462



7.1179, 0.3242, 0.3226



6.2170, 0.5760, 0.2947



0.1384, 0.4798, 0.2417

Previews

White Background



This preview shows how the Yxy color 30.6087, 0.3096, 0.3080 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 30.6087, 0.3096, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

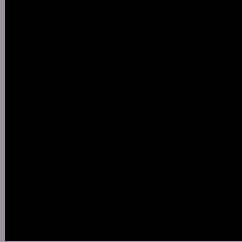
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

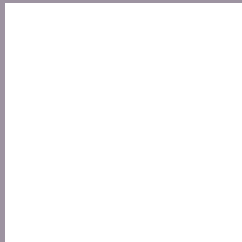
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.6087, 0.3096, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 30.6087, 0.3096, 0.3080.

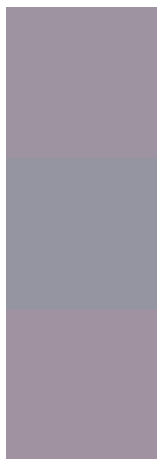


This preview shows how white text looks on a background with the Yxy color 30.6087, 0.3096, 0.3080.

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

30.6087, 0.3096, 0.3080

Protanopia

30.4931, 0.3007, 0.3091

Deuteranopia

30.6046, 0.3127, 0.3067



Tritanopia

30.5387, 0.3115, 0.3109

Trichromacy



Original Color

30.6087, 0.3096, 0.3080

Protanomaly

30.4638, 0.3036, 0.3077

Deuteranomaly

30.5019, 0.3117, 0.3066

Tritanomaly

30.5736, 0.3106, 0.3095

Monochromacy



Original Color

30.6087, 0.3096, 0.3080

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.0493, 0.3121, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6087, 0.3096, 0.3080 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(157, 147, 161)` looks like.

```
.text, #text, p{  
    color:rgb(157, 147, 161)  
}
```

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(157, 147, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 147, 161) }
```

Border

The CSS property to change the border of an element to Yxy 30.6087, 0.3096, 0.3080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

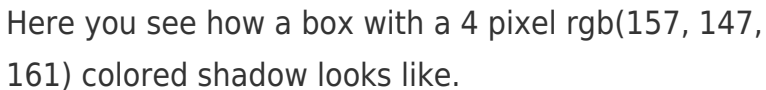
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 147, 161) }
```

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

```
.border{ border-color:rgb(157, 147, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 147, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 147, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 147, 161); box-shadow:4px 4px 4px 4px rgb(157, 147, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6087, 0.3096, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 147, 161) }
```

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

```
.background{ background-color: rgb(157,  
147, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor