

Converting Colors

$Yxy(33.2203, 0.3030, 0.3023)$

Have a look what the booklet for
Yxy(33.2203, 0.3030, 0.3023)
contains.

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Color

Yxy(33.1963, 0.3032, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	A099AB
RGB	160, 153, 171
RGB Percent	63%, 60%, 67%
CMY	0.3726, 0.4000, 0.3293
CMYK	0.06, 0.11, 0.00, 0.33
HSL	263°, 10%, 64%
HSV	263°, 11%, 67%
XYZ	33.2402, 33.1963, 43.1947
YIQ	157.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

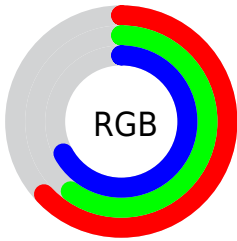
Format	Color
R_{YB}	160, 153, 171
Decimal	10525099
CIE _{Lab}	64.32, 6.07, -8.47
CIE _{LCh}	64, 10.422, 305.602
Yxy	33.1963, 0.3032, 0.3028
Android (android.graphics.Color)	4288715179 (0xFFA099AB)
YUV	157.1450, 6.8305, 2.5038
Hunter-Lab	57.6162, 2.1524, -4.1181

Details

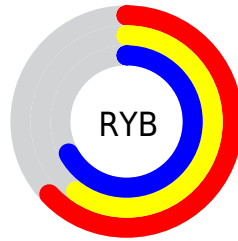
The Yxy color **33.1963, 0.3032, 0.3028** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3300, 0.3216, 0.3549**, and the grayscale version is **33.7557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5637, 0.3056, 0.3079**, and **14.0228, 0.2991, 0.2940** is the 20% darker color. If you saturate the color by 10%, you get **26.9612, 0.2927, 0.2756**, and if you desaturate by 10%, it is **40.3274, 0.3123, 0.3277**.

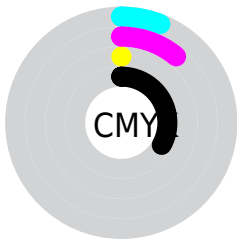
Distribution



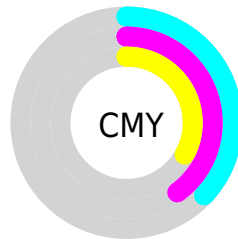
- Red (63%)
- Green (60%)
- Blue (67%)



- Red (63%)
- Yellow (60%)
- Blue (67%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)





- Cyan (37%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.1963, 0.3032, 0.3028 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 33.1963, 0.3032, 0.3028 by changing the saturation by 10% instead.


 33.1963, 0.3032,
0.3028


 33.1963, 0.3032,
0.3028


316.5333, 0.3083,
0.3164

 22.2769, 0.3018,
0.2992


 64.6819, 0.3051,
0.3079

 14.0605, 0.2999,
0.2945


 86.0168, 0.3058,
0.3098

 8.1627, 0.2973,
0.2880


111.5924, 0.3064,
0.3113

 4.1993, 0.2934,
0.2785

141.7930, 0.3069,
0.3127

 1.7856, 0.2868,
0.2633

177.0029, 0.3073,
0.3138

 0.4782, 0.2737,
0.2172

217.6067, 0.3077,

 0.0000, 0.0000,

0.3148

0.0000

263.9887, 0.3080,
0.3157

■ 33.1963, 0.3032,
0.3028

■ 33.1963, 0.3032,
0.3028

■ 26.9612, 0.2927,
0.2756

■ 40.3274, 0.3123,
0.3277

■ 21.5816, 0.2807,
0.2464

■ 48.3845, 0.3200,
0.3503

■ 17.0204, 0.2673,
0.2160

■ 57.4010, 0.3266,
0.3704

■ 13.2357, 0.2528,
0.1853

■ 67.4079, 0.3321,
0.3884

■ 10.1820, 0.2375,
0.1557

■ 78.4343, 0.3367,
0.4043

7.8088, 0.2221,
0.1288

90.1145, 0.3407,
0.4179

6.0590, 0.2074,
0.1064

91.8262, 0.3478,
0.4158

4.8654, 0.1941,
0.0895

93.6424, 0.3549,
0.4137

4.1127, 0.1831,
0.0782

95.5649, 0.3620,
0.4116

Harmonies

Analogous

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



33.1963, 0.2896, 0.3020



33.1963, 0.3032, 0.3028



33.1963, 0.3197, 0.3101

Triad

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



33.1963, 0.3032, 0.3028



33.1963, 0.3441, 0.3489



33.1963, 0.2911, 0.3355

Complementary

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



33.1963, 0.3032, 0.3028



39.3300, 0.3216, 0.3549

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.



33.1963, 0.3052, 0.3491



33.1963, 0.3032, 0.3028



33.1963, 0.3360, 0.3566

Square

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



33.1963, 0.3032, 0.3028



33.1963, 0.3437, 0.3363



33.1963, 0.3217, 0.3568



33.1963, 0.2828, 0.3204

Rectangle

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



33.1963, 0.3032, 0.3028



33.1963, 0.3301, 0.3178



33.1963, 0.3217, 0.3568



33.1963, 0.2953, 0.3404

Sweetspot

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



33.1977, 0.3032, 0.3028



68.8371, 0.3101, 0.3217



36.3059, 0.2967, 0.3189



15.1189, 0.3094, 0.3197



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



33.1977, 0.3032, 0.3028



56.2762, 0.3005, 0.2957



34.1507, 0.3118, 0.3035



7.9031, 0.3044, 0.3060



3.1280, 0.1841, 0.0788



0.1191, 0.2211, 0.0991

Inverse Universe

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



34.1252, 0.3204, 0.3134



58.3359, 0.3226, 0.3092



38.4135, 0.3134, 0.3556



8.0946, 0.3195, 0.3152



7.3005, 0.4467, 0.2234



0.2134, 0.3996, 0.1975

Previews

White Background



This preview shows how the Yxy color 33.1963, 0.3032, 0.3028 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 33.1963, 0.3032, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

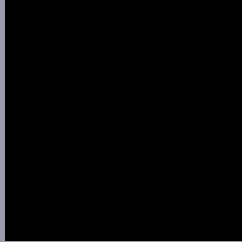
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

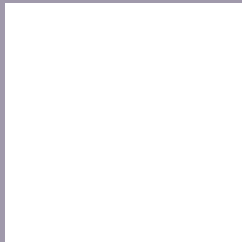
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.1963, 0.3032, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 33.1963, 0.3032, 0.3028.



This preview shows how white text looks on a background with the Yxy color 33.1963, 0.3032, 0.3028.

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

33.1963, 0.3032, 0.3028

Protanopia

33.2913, 0.2967, 0.3040

Deuteranopia

33.2893, 0.3071, 0.3017



Tritanopia

33.2353, 0.3067, 0.3114

Trichromacy



Original Color

33.1963, 0.3032, 0.3028

Protanomaly

33.1577, 0.2985, 0.3026

Deuteranomaly

33.1833, 0.3061, 0.3016

Tritanomaly

33.3093, 0.3049, 0.3085

Monochromacy



Original Color

33.1963, 0.3032, 0.3028

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.6547, 0.3092, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1963, 0.3032, 0.3028 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, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(160, 153, 171)  
}
```

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, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 153, 171) }
```

Border

The CSS property to change the border of an element to Yxy 33.1963, 0.3032, 0.3028 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, 153, 171) }
```

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

```
.border{ border-color:rgb(160, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 153, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 153, 171); box-shadow:4px 4px 4px 4px rgb(160, 153, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1963, 0.3032, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 153, 171) }
```

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

```
.background{ background-color: rgb(160,  
153, 171) }
```

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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