

Converting Colors

$Yxy(33.1890, 0.3072, 0.3207)$

Have a look what the booklet for
Yxy(33.1890, 0.3072, 0.3207)
contains.

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Color

Yxy(33.3187, 0.3072, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	9B9CA1
RGB	155, 156, 161
RGB Percent	61%, 61%, 63%
CMY	0.3923, 0.3882, 0.3686
CMYK	0.04, 0.03, 0.00, 0.37
HSL	230°, 3%, 62%
HSV	230°, 4%, 63%
XYZ	31.8367, 33.3187, 38.4797
YIQ	156.2710, -2.2010, 1.3430

Conversions

Conversions Part 2

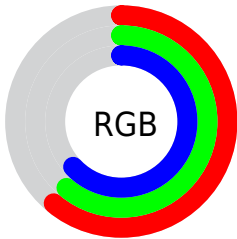
Format	Color
RYB	155, 156, 161
Decimal	10198177
CIELab	64.42, 0.61, -2.75
CIElCh	64, 2.817, 282.567
Yxy	33.3187, 0.3072, 0.3215
Android (android.graphics.Color)	4288388257 (0xFF9B9CA1)
YUV	156.2710, 2.3314, -1.1147
Hunter-Lab	57.7224, -2.5626, 0.8809

Details

The Yxy color **33.3187, 0.3072, 0.3215** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0814, 0.3182, 0.3364**, and the grayscale version is **33.3628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6064, 0.3079, 0.3222**, and **14.1720, 0.3049, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **27.5953, 0.2914, 0.2997**, and if you desaturate by 10%, it is **39.7497, 0.3214, 0.3407**.

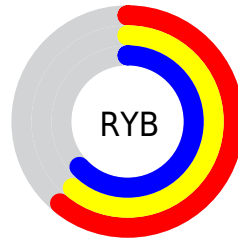
Distribution



Red (61%)

Green (61%)

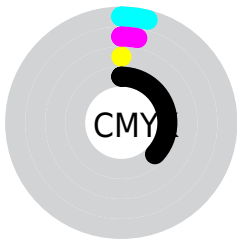
Blue (63%)



Red (61%)

Yellow (61%)

Blue (63%)

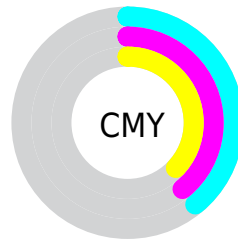


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (37%)



Cyan (39%)

Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.3187, 0.3072, 0.3215 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 33.3187, 0.3072, 0.3215 by changing the saturation by 10% instead.

■ 33.3187, 0.3072,
0.3215

■ 33.3187, 0.3072,
0.3215

317.0834, 0.3101,
0.3255

■ 22.3707, 0.3064,
0.3204

■ 64.8728, 0.3083,
0.3230

■ 14.1295, 0.3054,
0.3190

■ 86.2477, 0.3087,
0.3235

■ 8.2108, 0.3039,
0.3171

111.8669, 0.3090,
0.3240

■ 4.2301, 0.3017,
0.3141

142.1150, 0.3093,
0.3244

■ 1.8031, 0.2981,
0.3093

177.3763, 0.3096,
0.3247

■ 0.4891, 0.2833,
0.2888

218.0352, 0.3098,

■ 0.0000, 0.0000,

0.3250

0.0000

264.4761, 0.3100,
0.3252

■ 33.3187, 0.3072,
0.3215

■ 33.3187, 0.3072,
0.3215

■ 27.5953, 0.2914,
0.2997

■ 39.7497, 0.3214,
0.3407

■ 22.5511, 0.2742,
0.2753

■ 46.9071, 0.3341,
0.3575

■ 18.1619, 0.2558,
0.2484

■ 54.8142, 0.3454,
0.3720

■ 14.4005, 0.2365,
0.2195

■ 63.4921, 0.3554,
0.3847

■ 11.2378, 0.2172,
0.1894

■ 72.9610, 0.3643,
0.3957

■ 8.6422, 0.1987,
0.1593

■ 83.2402, 0.3721,
0.4051

■ 6.5794, 0.1822,
0.1309

■ 91.8620, 0.3701,
0.4162

■ 5.0110, 0.1687,
0.1060

■ 95.3539, 0.3683,
0.4209

■ 3.8930, 0.1591,
0.0862

Harmonies

Analogous

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



33.3187, 0.3047, 0.3229



33.3187, 0.3072, 0.3215



33.3187, 0.3112, 0.3221

Triad

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



33.3187, 0.3072, 0.3215



33.3187, 0.3212, 0.3320



33.3187, 0.3098, 0.3336

Complementary

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



33.3187, 0.3072, 0.3215



35.0814, 0.3182, 0.3364

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.



33.3187, 0.3142, 0.3361



33.3187, 0.3072, 0.3215



33.3187, 0.3208, 0.3351

Square

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



33.3187, 0.3072, 0.3215



33.3187, 0.3193, 0.3281



33.3187, 0.3182, 0.3366



33.3187, 0.3061, 0.3299

Rectangle

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



33.3187, 0.3072, 0.3215



33.3187, 0.3142, 0.3235



33.3187, 0.3182, 0.3366



33.3187, 0.3112, 0.3346

Sweetspot

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



33.3201, 0.3072, 0.3215



62.6786, 0.3112, 0.3270



34.9976, 0.3080, 0.3306



13.7612, 0.3113, 0.3271



80.7346, 0.3127, 0.3290



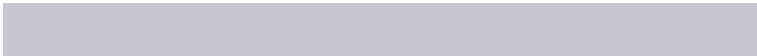
13.9985, 0.3127, 0.3290

Same Dimension

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



33.3201, 0.3072, 0.3215



58.2114, 0.3052, 0.3187



33.1655, 0.3091, 0.3200



7.5524, 0.3045, 0.3178



2.7443, 0.1549, 0.0775



0.1094, 0.1700, 0.1319

Inverse Universe

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



33.4143, 0.3177, 0.3275



58.4440, 0.3196, 0.3269



35.2439, 0.3162, 0.3379



7.5859, 0.3203, 0.3267



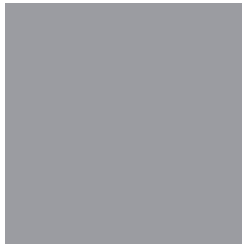
6.1212, 0.6109, 0.3139



0.1338, 0.5301, 0.2694

Previews

White Background



This preview shows how the Yxy color 33.3187, 0.3072, 0.3215 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 33.3187, 0.3072, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

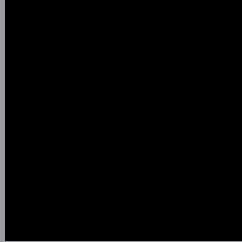
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

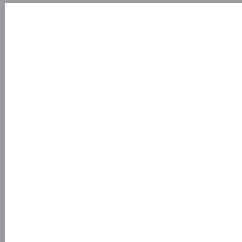
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.3187, 0.3072, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 33.3187, 0.3072, 0.3215.



This preview shows how white text looks on a background with the Yxy color 33.3187, 0.3072, 0.3215.

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

33.3187, 0.3072, 0.3215

Protanopia

33.2850, 0.3102, 0.3201

Deuteranopia

33.1769, 0.3205, 0.3132



Tritanopia

33.3006, 0.3029, 0.3113

Trichromacy



Original Color

33.3187, 0.3072, 0.3215

Protanomaly

33.1840, 0.3092, 0.3201

Deuteranomaly

33.2836, 0.3153, 0.3159

Tritanomaly

33.2272, 0.3047, 0.3142

Monochromacy



Original Color

33.3187, 0.3072, 0.3215

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.3135, 0.3109, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3187, 0.3072, 0.3215 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(155, 156, 161)` looks like.

```
.text, #text, p{  
    color:rgb(155, 156, 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(155, 156, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 156, 161) }
```

Border

The CSS property to change the border of an element to Yxy 33.3187, 0.3072, 0.3215 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(155, 156, 161) }
```

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

```
.border{ border-color:rgb(155, 156, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 156, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 156, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 156, 161);  
box-shadow:4px 4px 4px 4px rgb(155, 156,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3187, 0.3072, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 156, 161) }
```

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

```
.background{ background-color: rgb(155,  
156, 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](#).

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