

Converting Colors

$Y_{xy}(32.0384, 0.3231, 0.3188)$

Have a look what the booklet for
Yxy(32.0384, 0.3231, 0.3188)
contains.

Yxy(32.0022, 0.3235, 0.3188)	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(32.0022, 0.3235, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	A6959C
RGB	166, 149, 156
RGB Percent	65%, 58%, 61%
CMY	0.3490, 0.4157, 0.3883
CMYK	0.00, 0.10, 0.06, 0.35
HSL	335°, 9%, 62%
HSV	335°, 10%, 65%
XYZ	32.4740, 32.0022, 35.9071
YIQ	154.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

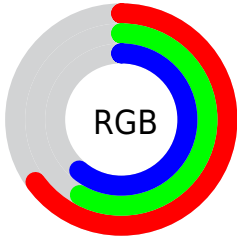
Format	Color
R_{YB}	166, 149, 156
Decimal	10917276
CIE _{Lab}	63.34, 7.54, -1.38
CIE _{LCh}	63, 7.666, 349.659
Yxy	32.0022, 0.3235, 0.3188
Android (android.graphics.Color)	4289107356 (0xFFA6959C)
YUV	154.8810, 0.5517, 9.7514
Hunter-Lab	56.5705, 3.4687, 1.9661

Details

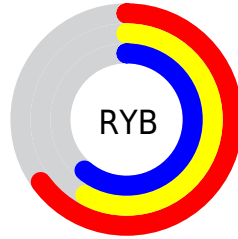
The Yxy color **32.0022, 0.3235, 0.3188** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1708, 0.3031, 0.3394**, and the grayscale version is **32.7186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7372, 0.3216, 0.3212**, and **13.3327, 0.3268, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **26.8010, 0.3363, 0.3083**, and if you desaturate by 10%, it is **37.9818, 0.3129, 0.3288**.

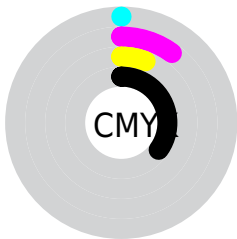
Distribution



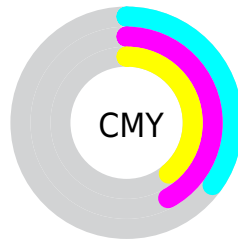
- Red (65%)
- Green (58%)
- Blue (61%)



- Red (65%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (35%)



- Cyan (35%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0022, 0.3235, 0.3188 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 32.0022, 0.3235, 0.3188 by changing the saturation by 10% instead.

 32.0022, 0.3235,
0.3188

 32.0022, 0.3235,
0.3188


311.1293, 0.3178,
0.3242

 21.3632, 0.3250,
0.3173


 62.8145, 0.3213,
0.3208

 13.3897, 0.3271,
0.3154


 83.7566, 0.3206,
0.3216

 7.6975, 0.3300,
0.3127


108.9019, 0.3199,
0.3222

 3.9020, 0.3343,
0.3087

138.6347, 0.3194,
0.3227

 1.6189, 0.3415,
0.3020

173.3395, 0.3189,
0.3232

 0.3703, 0.3813,
0.2634

213.4005, 0.3185,

 0.0000, 0.0000,

0.3236

0.0000

259.2023, 0.3181,
0.3239

■ 32.0022, 0.3235,
0.3188

■ 32.0022, 0.3235,
0.3188

■ 26.8010, 0.3363,
0.3083

■ 37.9818, 0.3129,
0.3288

■ 22.3418, 0.3517,
0.2974

■ 44.7657, 0.3043,
0.3380

■ 18.5915, 0.3702,
0.2866

■ 52.3841, 0.2971,
0.3466

■ 15.5131, 0.3919,
0.2765

■ 60.8640, 0.2912,
0.3545

■ 13.0660, 0.4170,
0.2680

■ 70.2316, 0.2863,
0.3617

■ 11.2051, 0.4448,
0.2622

■ 80.5117, 0.2823,
0.3683

■ 9.8795, 0.4744,
0.2603

■ 85.0392, 0.2779,
0.3635

■ 9.0292, 0.5041,
0.2634

■ 85.5878, 0.2731,
0.3521

■ 8.5263, 0.5318,
0.2703

■ 86.1675, 0.2684,
0.3409

Harmonies

Analogous

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



32.0022, 0.3114, 0.3114



32.0022, 0.3235, 0.3188



32.0022, 0.3328, 0.3289

Triad

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



32.0022, 0.3235, 0.3188



32.0022, 0.3255, 0.3503



32.0022, 0.2893, 0.3181

Complementary

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



32.0022, 0.3235, 0.3188



36.1708, 0.3031, 0.3394

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.



32.0022, 0.2930, 0.3286



32.0022, 0.3235, 0.3188



32.0022, 0.3137, 0.3476

Square

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



32.0022, 0.3235, 0.3188



32.0022, 0.3340, 0.3472



32.0022, 0.3018, 0.3395



32.0022, 0.2918, 0.3107

Rectangle

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



32.0022, 0.3235, 0.3188



32.0022, 0.3361, 0.3359



32.0022, 0.3018, 0.3395



32.0022, 0.2899, 0.3213

Sweetspot

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



32.0036, 0.3235, 0.3188



65.7286, 0.3157, 0.3260



31.6127, 0.3068, 0.3039



14.5125, 0.3165, 0.3253



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.



32.0036, 0.3235, 0.3188



56.0978, 0.3258, 0.3168



32.2254, 0.3301, 0.3311



7.5914, 0.3224, 0.3198



6.6196, 0.5295, 0.2691



0.1713, 0.4454, 0.2227

Inverse Universe

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



32.0036, 0.3235, 0.3188



56.0978, 0.3258, 0.3168



35.9074, 0.2973, 0.3268



7.5914, 0.3224, 0.3198



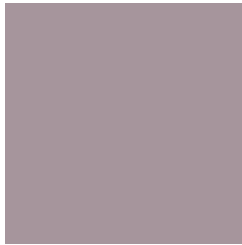
6.6196, 0.5295, 0.2691



0.1713, 0.4454, 0.2227

Previews

White Background



This preview shows how the Yxy color 32.0022, 0.3235, 0.3188 looks on a white background.

Color Contrast Check

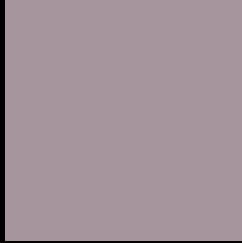
Large Text (above 18pt) WCAG AA × Fail

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 32.0022, 0.3235, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

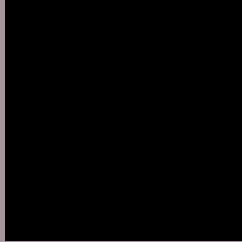
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0022, 0.3235, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 32.0022, 0.3235, 0.3188.



This preview shows how white text looks on a background with the Yxy color 32.0022, 0.3235, 0.3188.

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

32.0022, 0.3235, 0.3188

Protanopia

32.2197, 0.3101, 0.3215

Deuteranopia

32.1107, 0.3245, 0.3188



Tritanopia

31.9334, 0.3207, 0.3116

Trichromacy



Original Color

32.0022, 0.3235, 0.3188

Protanomaly

32.2617, 0.3151, 0.3215

Deuteranomaly

32.1107, 0.3245, 0.3188

Tritanomaly

31.8985, 0.3217, 0.3130

Monochromacy



Original Color

32.0022, 0.3235, 0.3188

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.5200, 0.3169, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0022, 0.3235, 0.3188 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, 149, 156)` looks like.

```
.text, #text, p{  
    color:rgb(166, 149, 156)  
}
```

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, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 149, 156) }
```

Border

The CSS property to change the border of an element to Yxy 32.0022, 0.3235, 0.3188 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, 149, 156) }
```

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

```
.border{ border-color:rgb(166, 149, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 149, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 149, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 149, 156);  
box-shadow:4px 4px 4px 4px rgb(166, 149,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0022, 0.3235, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 149, 156) }
```

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

```
.background{ background-color: rgb(166,  
149, 156) }
```

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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