

Converting Colors

$Yxy(32.7163, 0.3245, 0.3175)$

Have a look what the booklet for
Yxy(32.7163, 0.3245, 0.3175)
contains.

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Color

Yxy(32.7163, 0.3245, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	A9969E
RGB	169, 150, 158
RGB Percent	66%, 59%, 62%
CMY	0.3373, 0.4117, 0.3805
CMYK	0.00, 0.11, 0.07, 0.34
HSL	335°, 10%, 63%
HSV	335°, 11%, 66%
XYZ	33.4376, 32.7163, 36.8896
YIQ	156.5930, 8.7560, 6.5160

Conversions

Conversions Part 2

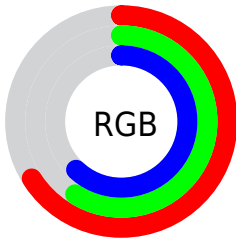
Format	Color
R_{YB}	169, 150, 158
Decimal	11114142
CIE Lab	63.93, 8.44, -1.61
CIE LCh	64, 8.593, 349.168
Yxy	32.7163, 0.3245, 0.3175
Android (android.graphics.Color)	4289304222 (0xFFA9969E)
YUV	156.5930, 0.6937, 10.8809
Hunter-Lab	57.1982, 4.2529, 1.8000

Details

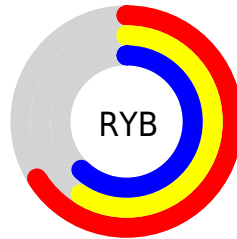
The Yxy color **32.7163, 0.3245, 0.3175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4333, 0.3023, 0.3408**, and the grayscale version is **33.5185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8371, 0.3216, 0.3191**, and **13.7671, 0.3283, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **27.3829, 0.3374, 0.3067**, and if you desaturate by 10%, it is **38.8574, 0.3139, 0.3278**.

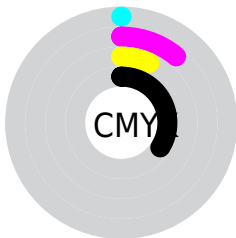
Distribution



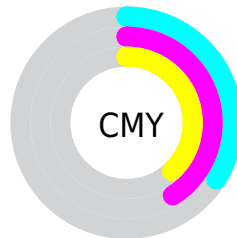
- Red (66%)
- Green (59%)
- Blue (62%)



- Red (66%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (34%)





- Cyan (34%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7163, 0.3245, 0.3175 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 32.7163, 0.3245, 0.3175 by changing the saturation by 10% instead.


 32.7163, 0.3245,
0.3175


 32.7163, 0.3245,
0.3175


314.3694, 0.3183,
0.3236

 21.9092, 0.3262,
0.3159


 63.9323, 0.3222,
0.3198

 13.7902, 0.3284,
0.3137


 85.1101, 0.3213,
0.3206

 7.9749, 0.3315,
0.3108


110.5135, 0.3206,
0.3213

 4.0789, 0.3361,
0.3063

140.5270, 0.3200,
0.3219

 1.7178, 0.3438,
0.2991

175.5349, 0.3195,
0.3224

 0.4351, 0.3775,
0.2651

215.9217, 0.3190,

 0.0000, 0.0000,

0.3228

0.0000

262.0717, 0.3186,
0.3232

■ 32.7163, 0.3245,
0.3175

■ 32.7163, 0.3245,
0.3175

■ 27.3829, 0.3374,
0.3067

■ 38.8574, 0.3139,
0.3278

■ 22.8191, 0.3528,
0.2955

■ 45.8335, 0.3052,
0.3374

■ 18.9902, 0.3713,
0.2845

■ 53.6763, 0.2980,
0.3462

■ 15.8571, 0.3930,
0.2743

■ 62.4142, 0.2920,
0.3544

■ 13.3769, 0.4179,
0.2657

■ 72.0744, 0.2871,
0.3618

■ 11.5022, 0.4455,
0.2601

■ 82.6830, 0.2830,
0.3686

■ 10.1789, 0.4747,
0.2585

■ 85.4799, 0.2784,
0.3609

■ 9.3430, 0.5037,
0.2620

■ 86.0358, 0.2736,
0.3496

■ 8.8885, 0.5282,
0.2683

■ 86.6230, 0.2688,
0.3385

Harmonies

Analogous

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



32.7163, 0.3110, 0.3093



32.7163, 0.3245, 0.3175



32.7163, 0.3350, 0.3287

Triad

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



32.7163, 0.3245, 0.3175



32.7163, 0.3271, 0.3528



32.7163, 0.2868, 0.3170

Complementary

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



32.7163, 0.3245, 0.3175



37.4333, 0.3023, 0.3408

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.



32.7163, 0.2909, 0.3287



32.7163, 0.3245, 0.3175



32.7163, 0.3140, 0.3498

Square

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



32.7163, 0.3245, 0.3175



32.7163, 0.3365, 0.3491



32.7163, 0.3008, 0.3409



32.7163, 0.2894, 0.3088

Rectangle

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



32.7163, 0.3245, 0.3175



32.7163, 0.3387, 0.3365



32.7163, 0.3008, 0.3409



32.7163, 0.2874, 0.3206

Sweetspot

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



32.7177, 0.3245, 0.3175



67.4860, 0.3157, 0.3260



32.2327, 0.3058, 0.3013



14.5133, 0.3165, 0.3252



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.



32.7177, 0.3245, 0.3175



56.5773, 0.3269, 0.3154



32.8584, 0.3321, 0.3309



7.5926, 0.3223, 0.3196



6.6352, 0.5256, 0.2669



0.1717, 0.4427, 0.2212

Inverse Universe

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



32.7177, 0.3245, 0.3175



56.5773, 0.3269, 0.3154



37.2548, 0.2958, 0.3271



7.5926, 0.3223, 0.3196



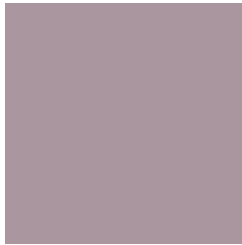
6.6352, 0.5256, 0.2669



0.1717, 0.4427, 0.2212

Previews

White Background



This preview shows how the Yxy color 32.7163, 0.3245, 0.3175 looks on a white background.

Color Contrast Check

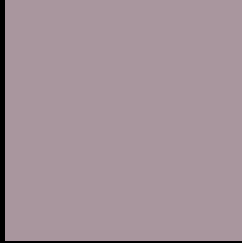
Large Text (above 18pt) WCAG AA × Fail

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 32.7163, 0.3245, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

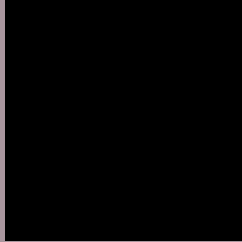
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7163, 0.3245, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 32.7163, 0.3245, 0.3175.



This preview shows how white text looks on a background with the Yxy color 32.7163, 0.3245, 0.3175.

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

32.7163, 0.3245, 0.3175

Protanopia

32.7172, 0.3092, 0.3200

Deuteranopia

32.7163, 0.3245, 0.3175



Tritanopia

32.5031, 0.3217, 0.3117

Trichromacy



Original Color

32.7163, 0.3245, 0.3175

Protanomaly

32.8627, 0.3151, 0.3201

Deuteranomaly

32.7163, 0.3245, 0.3175

Tritanomaly

32.4680, 0.3227, 0.3131

Monochromacy



Original Color

32.7163, 0.3245, 0.3175

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.1226, 0.3169, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7163, 0.3245, 0.3175 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(169, 150, 158)` looks like.

```
.text, #text, p{  
    color:rgb(169, 150, 158)  
}
```

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(169, 150, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 150, 158) }
```

Border

The CSS property to change the border of an element to Yxy 32.7163, 0.3245, 0.3175 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(169, 150, 158) }
```

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

```
.border{ border-color:rgb(169, 150, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 150, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 150, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 150, 158);  
box-shadow:4px 4px 4px 4px rgb(169, 150,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7163, 0.3245, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 150, 158) }
```

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

```
.background{ background-color: rgb(169,  
150, 158) }
```

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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