

Converting Colors

$Y_{xy}(32.5710, 0.3266, 0.3176)$

Have a look what the booklet for
Yxy(32.5710, 0.3266, 0.3176)
contains.

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Color

Yxy(32.4753, 0.3266, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	AA959D
RGB	170, 149, 157
RGB Percent	67%, 58%, 62%
CMY	0.3334, 0.4156, 0.3843
CMYK	0.00, 0.12, 0.08, 0.33
HSL	337°, 11%, 63%
HSV	337°, 12%, 67%
XYZ	33.4061, 32.4753, 36.4030
YIQ	156.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

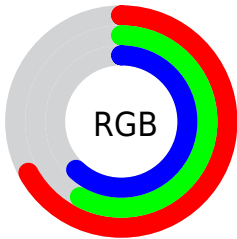
Format	Color
RYB	170, 149, 157
Decimal	11179421
CIELab	63.73, 9.18, -1.34
CIELCh	64, 9.274, 351.702
Yxy	32.4753, 0.3266, 0.3175
Android (android.graphics.Color)	4289369501 (0xFFAA959D)
YUV	156.1910, 0.3988, 12.1105
Hunter-Lab	56.9871, 4.9100, 2.0169

Details

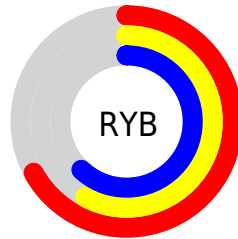
The Yxy color **32.4753, 0.3266, 0.3175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7391, 0.3006, 0.3408**, and the grayscale version is **33.3297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4729, 0.3232, 0.3191**, and **13.6275, 0.3314, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **27.1402, 0.3406, 0.3076**, and if you desaturate by 10%, it is **38.6292, 0.3151, 0.3269**.

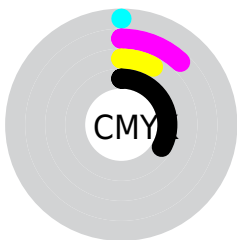
Distribution



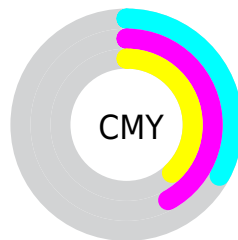
- Red (67%)
- Green (58%)
- Blue (62%)



- Red (67%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4753, 0.3266, 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 32.4753, 0.3266, 0.3175 by changing the saturation by 10% instead.


 32.4753, 0.3266,
0.3175


 32.4753, 0.3266,
0.3175


313.2787, 0.3193,
0.3236

 21.7248, 0.3286,
0.3159


 63.5555, 0.3238,
0.3198

 13.6548, 0.3312,
0.3137


 84.6539, 0.3228,
0.3206

 7.8810, 0.3349,
0.3107


109.9705, 0.3220,
0.3213

 4.0189, 0.3404,
0.3062

139.8896, 0.3213,
0.3219

 1.6841, 0.3496,
0.2989

174.7955, 0.3207,
0.3224

 0.4134, 0.3920,
0.2626

215.0728, 0.3201,

 0.0000, 0.0000,

0.3228

0.0000

261.1057, 0.3197,
0.3232

■ 32.4753, 0.3266,
0.3175

■ 32.4753, 0.3266,
0.3175

■ 27.1402, 0.3406,
0.3076

■ 38.6292, 0.3151,
0.3269

■ 22.5850, 0.3575,
0.2974

■ 45.6301, 0.3056,
0.3357

■ 18.7740, 0.3777,
0.2875

■ 53.5103, 0.2979,
0.3438

■ 15.6670, 0.4016,
0.2783

■ 62.2990, 0.2915,
0.3512

■ 13.2199, 0.4289,
0.2710

■ 72.0240, 0.2862,
0.3580

■ 11.3838, 0.4591,
0.2666

■ 82.7120, 0.2818,
0.3642

■ 10.1027, 0.4907,
0.2664

■ 85.8144, 0.2769,
0.3562

■ 9.3101, 0.5216,
0.2711

■ 86.4261, 0.2717,
0.3442

■ 8.9215, 0.5441,
0.2771

■ 87.0742, 0.2667,
0.3324

Harmonies

Analogous

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



32.4753, 0.3121, 0.3083



32.4753, 0.3266, 0.3175



32.4753, 0.3375, 0.3297

Triad

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



32.4753, 0.3266, 0.3175



32.4753, 0.3272, 0.3547



32.4753, 0.2846, 0.3150

Complementary

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



32.4753, 0.3266, 0.3175



37.7391, 0.3006, 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.



32.4753, 0.2885, 0.3275



32.4753, 0.3266, 0.3175



32.4753, 0.3128, 0.3510

Square

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



32.4753, 0.3266, 0.3175



32.4753, 0.3378, 0.3513



32.4753, 0.2987, 0.3409



32.4753, 0.2881, 0.3066

Rectangle

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



32.4753, 0.3266, 0.3175



32.4753, 0.3412, 0.3381



32.4753, 0.2987, 0.3409



32.4753, 0.2851, 0.3188

Sweetspot

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



32.4767, 0.3266, 0.3175



68.0586, 0.3169, 0.3253



32.0758, 0.3061, 0.2985



14.9862, 0.3177, 0.3246



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.



32.4767, 0.3266, 0.3175



55.9459, 0.3304, 0.3146



32.9950, 0.3341, 0.3326



7.5878, 0.3228, 0.3204



6.5752, 0.5413, 0.2756



0.1700, 0.4540, 0.2275

Inverse Universe

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



32.4767, 0.3266, 0.3175



55.9459, 0.3304, 0.3146



37.1238, 0.2942, 0.3254



7.5878, 0.3228, 0.3204



6.5752, 0.5413, 0.2756



0.1700, 0.4540, 0.2275

Previews

White Background



This preview shows how the Yxy color 32.4753, 0.3266, 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 32.4753, 0.3266, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

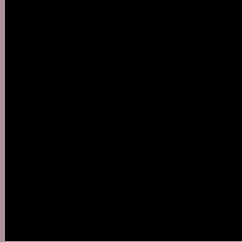
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4753, 0.3266, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 32.4753, 0.3266, 0.3175.



This preview shows how white text looks on a background with the Yxy color 32.4753, 0.3266, 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

32.4753, 0.3266, 0.3175

Protanopia

32.7172, 0.3092, 0.3200

Deuteranopia

32.5718, 0.3244, 0.3189



Tritanopia

32.5790, 0.3237, 0.3132

Trichromacy



Original Color

32.4753, 0.3266, 0.3175

Protanomaly

32.5367, 0.3152, 0.3187

Deuteranomaly

32.6820, 0.3255, 0.3189

Tritanomaly

32.5441, 0.3247, 0.3146

Monochromacy



Original Color

32.4753, 0.3266, 0.3175

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7598, 0.3179, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4753, 0.3266, 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(170, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(170, 149, 157)  
}
```

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(170, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 149, 157) }
```

Border

The CSS property to change the border of an element to Yxy 32.4753, 0.3266, 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(170, 149, 157) }
```

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

```
.border{ border-color:rgb(170, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(170, 149,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4753, 0.3266, 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(170, 149, 157) }
```

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

```
.background{ background-color: rgb(170,  
149, 157) }
```

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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