

Converting Colors

$Y_{xy}(33.1093, 0.3217, 0.3306)$

Have a look what the booklet for
Yxy(33.1093, 0.3217, 0.3306)
contains.

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Color

Yxy(33.0925, 0.3217, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	A29A99
RGB	162, 154, 153
RGB Percent	64%, 60%, 60%
CMY	0.3645, 0.3961, 0.4000
CMYK	0.00, 0.05, 0.06, 0.36
HSL	7°, 5%, 62%
HSV	7°, 6%, 64%
XYZ	32.2114, 33.0925, 34.8247
YIQ	156.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

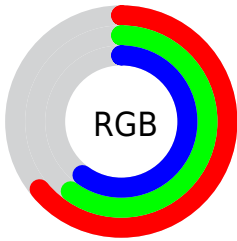
Format	Color
RYB	162, 154, 153
Decimal	10656409
CIELab	64.24, 2.76, 1.56
CIELCh	64, 3.168, 29.555
Yxy	33.0925, 0.3217, 0.3305
Android (android.graphics.Color)	4288846489 (0xFFA29A99)
YUV	156.2780, -1.6161, 5.0182
Hunter-Lab	57.5261, -0.7207, 4.3757

Details

The Yxy color **33.0925, 0.3217, 0.3305** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8876, 0.3043, 0.3275**, and the grayscale version is **33.3847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3685, 0.3202, 0.3301**, and **13.9748, 0.3241, 0.3312** is the 20% darker color. If you saturate the color by 10%, you get **28.1169, 0.3406, 0.3334**, and if you desaturate by 10%, it is **38.7156, 0.3063, 0.3279**.

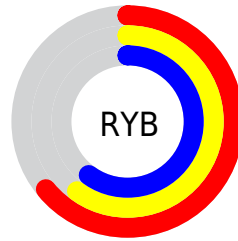
Distribution



Red (64%)

Green (60%)

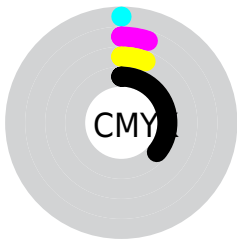
Blue (60%)



Red (64%)

Yellow (60%)

Blue (60%)

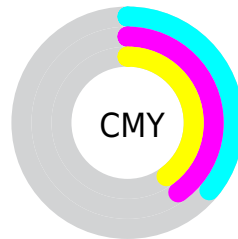


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (36%)



Cyan (36%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0925, 0.3217, 0.3305 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 33.0925, 0.3217, 0.3305 by changing the saturation by 10% instead.


 33.0925, 0.3217,
0.3305


 33.0925, 0.3217,
0.3305


316.0663, 0.3169,
0.3297

 22.1973, 0.3230,
0.3307


 64.5199, 0.3199,
0.3302

 14.0020, 0.3247,
0.3310


 85.8209, 0.3193,
0.3301

 8.1220, 0.3271,
0.3313


111.3594, 0.3187,
0.3300

 4.1731, 0.3307,
0.3319

141.5196, 0.3182,
0.3299

 1.7709, 0.3367,
0.3327

176.6860, 0.3179,
0.3299

 0.4689, 0.3709,
0.3390

217.2430, 0.3175,

 0.0000, 0.0000,

0.3298

0.0000

263.5750, 0.3172,
0.3298

■ 33.0925, 0.3217,
0.3305

■ 33.0925, 0.3217,
0.3305

■ 28.1169, 0.3406,
0.3334

■ 38.7156, 0.3063,
0.3279

■ 23.7614, 0.3636,
0.3364

■ 45.0038, 0.2937,
0.3255

■ 20.0029, 0.3917,
0.3394

■ 51.9793, 0.2833,
0.3233

■ 16.8155, 0.4253,
0.3423

■ 59.6622, 0.2747,
0.3213

■ 14.1710, 0.4642,
0.3447

■ 68.0717, 0.2675,
0.3195

■ 12.0391, 0.5073,
0.3460

■ 77.2261, 0.2614,
0.3179

■ 10.3864, 0.5511,
0.3457

■ 86.3853, 0.2615,
0.3288

■ 9.1756, 0.5905,
0.3433

■ 86.4257, 0.2615,
0.3288

■ 8.3631, 0.6197,
0.3392

Harmonies

Analogous

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



33.0925, 0.3186, 0.3261



33.0925, 0.3217, 0.3305



33.0925, 0.3224, 0.3345

Triad

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



33.0925, 0.3217, 0.3305



33.0925, 0.3115, 0.3356



33.0925, 0.3050, 0.3210

Complementary

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



33.0925, 0.3217, 0.3305



34.8876, 0.3043, 0.3275

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.



33.0925, 0.3031, 0.3234



33.0925, 0.3217, 0.3305



33.0925, 0.3069, 0.3319

Square

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



33.0925, 0.3217, 0.3305



33.0925, 0.3165, 0.3375



33.0925, 0.3038, 0.3274



33.0925, 0.3089, 0.3207

Rectangle

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



33.0925, 0.3217, 0.3305



33.0925, 0.3214, 0.3365



33.0925, 0.3038, 0.3274



33.0925, 0.3041, 0.3216

Sweetspot

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



33.0939, 0.3217, 0.3305



63.5252, 0.3159, 0.3295



33.0450, 0.3142, 0.3171



14.2937, 0.3157, 0.3295



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.0939, 0.3217, 0.3305



58.5698, 0.3244, 0.3309



34.5837, 0.3212, 0.3370



7.4250, 0.3249, 0.3310



6.4221, 0.6290, 0.3388



0.1698, 0.5871, 0.3720

Inverse Universe

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



34.8876, 0.3043, 0.3275



62.6866, 0.3020, 0.3271



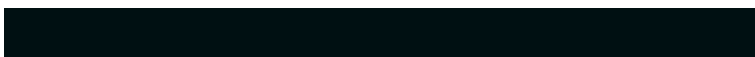
33.3656, 0.3044, 0.3208



7.9692, 0.3015, 0.3270



17.8489, 0.2152, 0.2947



0.4104, 0.2189, 0.3082

Previews

White Background



This preview shows how the Yxy color 33.0925, 0.3217, 0.3305 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 33.0925, 0.3217, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

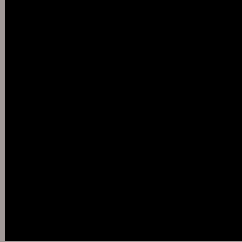
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

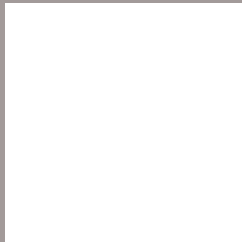
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.0925, 0.3217, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 33.0925, 0.3217, 0.3305.

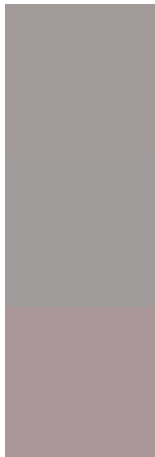


This preview shows how white text looks on a background with the Yxy color 33.0925, 0.3217, 0.3305.

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

33.0925, 0.3217, 0.3305

Protanopia

33.1467, 0.3176, 0.3305

Deuteranopia

33.1242, 0.3303, 0.3247



Tritanopia

33.0293, 0.3135, 0.3116

Trichromacy



Original Color

33.0925, 0.3217, 0.3305

Protanomaly

33.2494, 0.3186, 0.3305

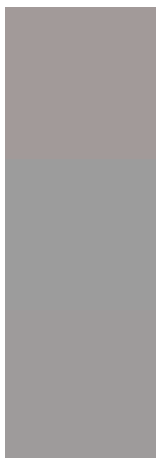
Deuteranomaly

33.1144, 0.3271, 0.3261

Tritanomaly

33.1071, 0.3162, 0.3188

Monochromacy



Original Color

33.0925, 0.3217, 0.3305

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.0783, 0.3157, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0925, 0.3217, 0.3305 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(162, 154, 153)` looks like.

```
.text, #text, p{  
    color:rgb(162, 154, 153)  
}
```

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(162, 154, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 154, 153) }
```

Border

The CSS property to change the border of an element to Yxy 33.0925, 0.3217, 0.3305 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(162, 154, 153) }
```

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

```
.border{ border-color:rgb(162, 154, 153) }
```

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

Here you see how a box with a 4 pixel rgb(162, 154, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 154, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 154, 153);  
box-shadow:4px 4px 4px 4px rgb(162, 154,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0925, 0.3217, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 154, 153) }
```

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

```
.background{ background-color: rgb(162,  
154, 153) }
```

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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