

Converting Colors

$Y_{xy}(32.7449, 0.3371, 0.3325)$

Have a look what the booklet for
Yxy(32.7449, 0.3371, 0.3325)
contains.

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Color

Yxy(32.7215, 0.3375, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	AC9694
RGB	172, 150, 148
RGB Percent	67%, 59%, 58%
CMY	0.3255, 0.4117, 0.4197
CMYK	0.00, 0.13, 0.14, 0.33
HSL	5°, 13%, 63%
HSV	5°, 14%, 67%
XYZ	33.2636, 32.7215, 32.5737
YIQ	156.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

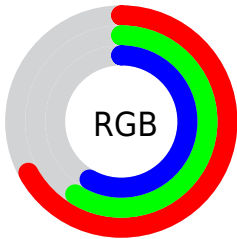
Format	Color
R_{YB}	172, 150, 148
Decimal	11310740
CIE Lab	63.93, 7.81, 4.06
CIE LCh	64, 8.799, 27.454
Yxy	32.7215, 0.3375, 0.3320
Android (android.graphics.Color)	4289500820 (0xFFAC9694)
YUV	156.3500, -4.1166, 13.7250
Hunter-Lab	57.2027, 3.6936, 6.2796

Details

The Yxy color **32.7215, 0.3375, 0.3320** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0143, 0.2918, 0.3260**, and the grayscale version is **33.4246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9440, 0.3328, 0.3313**, and **13.7087, 0.3458, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **27.5238, 0.3602, 0.3343**, and if you desaturate by 10%, it is **38.6789, 0.3190, 0.3298**.

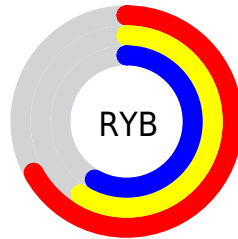
Distribution



Red (67%)

Green (59%)

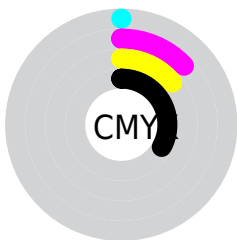
Blue (58%)



Red (67%)

Yellow (59%)

Blue (58%)

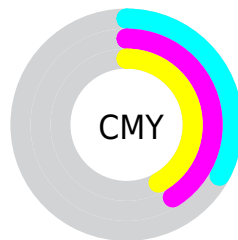


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (41%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7215, 0.3375, 0.3320 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 32.7215, 0.3375, 0.3320 by changing the saturation by 10% instead.


 32.7215, 0.3375,
0.3320


 32.7215, 0.3375,
0.3320


314.3929, 0.3243,
0.3305

 21.9132, 0.3411,
0.3324


 63.9405, 0.3325,
0.3315

 13.7931, 0.3459,
0.3328


 85.1199, 0.3307,
0.3313

 7.9769, 0.3526,
0.3334

110.5252, 0.3292,
0.3311

 4.0802, 0.3627,
0.3341

140.5407, 0.3279,
0.3310

 1.7185, 0.3797,
0.3350

175.5509, 0.3268,
0.3308

 0.4356, 0.4912,
0.3539


215.9400, 0.3259,


 0.0000, 0.0000,


0.3307


0.0000


262.0926, 0.3250,
0.3306


 32.7215, 0.3375,
0.3320


 32.7215, 0.3375,
0.3320

 27.5238, 0.3602,
0.3343


 38.6789, 0.3190,
0.3298


 23.0512, 0.3880,
0.3367


 45.4203, 0.3040,
0.3278


 19.2726, 0.4215,
0.3390

 52.9742, 0.2918,
0.3260

 16.1534, 0.4608,
0.3408

 61.3665, 0.2817,
0.3243

 13.6555, 0.5046,
0.3419

 70.6219, 0.2735,
0.3228

■ 11.7374, 0.5495,
0.3418

■ 80.7640, 0.2666,
0.3215

■ 10.3522, 0.5902,
0.3400

■ 87.5104, 0.2662,
0.3289

■ 9.4458, 0.6203,
0.3368

■ 9.0973, 0.6332,
0.3354

Harmonies

Analogous

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



32.7215, 0.3282, 0.3202



32.7215, 0.3375, 0.3320



32.7215, 0.3400, 0.3433

Triad

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



32.7215, 0.3375, 0.3320



32.7215, 0.3102, 0.3483



32.7215, 0.2907, 0.3069

Complementary

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



32.7215, 0.3375, 0.3320



38.0143, 0.2918, 0.3260

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.



32.7215, 0.2862, 0.3139



32.7215, 0.3375, 0.3320



32.7215, 0.2972, 0.3379

Square

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



32.7215, 0.3375, 0.3320



32.7215, 0.3240, 0.3532



32.7215, 0.2885, 0.3252



32.7215, 0.3011, 0.3059

Rectangle

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



32.7215, 0.3375, 0.3320



32.7215, 0.3374, 0.3492



32.7215, 0.2885, 0.3252



32.7215, 0.2885, 0.3086

Sweetspot

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



32.7230, 0.3375, 0.3320



70.0430, 0.3192, 0.3298



32.8482, 0.3162, 0.2980



15.0391, 0.3205, 0.3300



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.



32.7230, 0.3375, 0.3320



56.0612, 0.3446, 0.3328



36.7464, 0.3351, 0.3491



8.1196, 0.3284, 0.3310



6.8060, 0.6323, 0.3362



0.2235, 0.6018, 0.3604

Inverse Universe

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



38.0143, 0.2918, 0.3260



67.6879, 0.2870, 0.3252



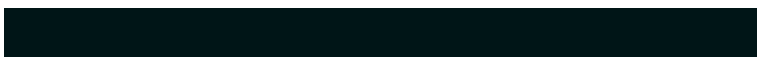
33.7239, 0.2913, 0.3081



8.9551, 0.2986, 0.3270



20.3340, 0.2175, 0.3029



0.5987, 0.2198, 0.3114

Previews

White Background



This preview shows how the Yxy color 32.7215, 0.3375, 0.3320 looks on a white background.

Color Contrast Check

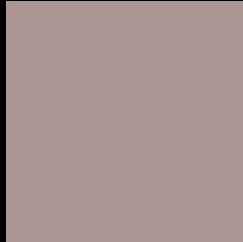
Large Text (above 18pt) WCAG AA × Fail

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 32.7215, 0.3375, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

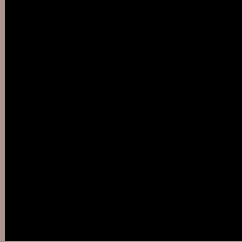
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7215, 0.3375, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 32.7215, 0.3375, 0.3320.



This preview shows how white text looks on a background with the Yxy color 32.7215, 0.3375, 0.3320.

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

32.7215, 0.3375, 0.3320

Protanopia

32.6841, 0.3215, 0.3350

Deuteranopia

32.8350, 0.3385, 0.3320



Tritanopia

32.7165, 0.3279, 0.3120

Trichromacy



Original Color

32.7215, 0.3375, 0.3320

Protanomaly

32.8449, 0.3276, 0.3350

Deuteranomaly

32.8350, 0.3385, 0.3320

Tritanomaly

32.7794, 0.3307, 0.3190

Monochromacy



Original Color

32.7215, 0.3375, 0.3320

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.0925, 0.3217, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7215, 0.3375, 0.3320 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(172, 150, 148)` looks like.

```
.text, #text, p{  
    color:rgb(172, 150, 148)  
}
```

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(172, 150, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 150, 148) }
```

Border

The CSS property to change the border of an element to Yxy 32.7215, 0.3375, 0.3320 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(172, 150, 148) }
```

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

```
.border{ border-color:rgb(172, 150, 148) }
```

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

Here you see how a box with a 4 pixel rgb(172, 150, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 150, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 150, 148);  
box-shadow:4px 4px 4px 4px rgb(172, 150,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7215, 0.3375, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 150, 148) }
```

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

```
.background{ background-color: rgb(172,  
150, 148) }
```

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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