

Converting Colors

$Yxy(32.9382, 0.3297, 0.3388)$

Have a look what the booklet for
Yxy(32.9382, 0.3297, 0.3388)
contains.

Yxy(32.7816, 0.3296, 0.3380)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.7816, 0.3296, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	A49993
RGB	164, 153, 147
RGB Percent	64%, 60%, 58%
CMY	0.3568, 0.4000, 0.4236
CMYK	0.00, 0.07, 0.10, 0.36
HSL	21°, 9%, 61%
HSV	21°, 10%, 64%
XYZ	31.9669, 32.7816, 32.2385
YIQ	155.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

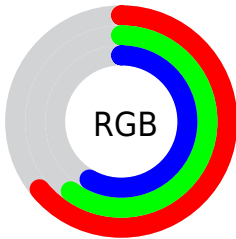
Format	Color
RYB	164, 156, 147
Decimal	10787219
CIELab	63.98, 2.96, 4.60
CIELCh	64, 5.470, 57.263
Yxy	32.7816, 0.3296, 0.3380
Android (android.graphics.Color)	4288977299 (0xFFA49993)
YUV	155.6050, -4.2423, 7.3624
Hunter-Lab	57.2552, -0.5360, 6.6945

Details

The Yxy color **32.7816, 0.3296, 0.3380** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3293, 0.2970, 0.3198**, and the grayscale version is **33.0775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9028, 0.3262, 0.3358**, and **13.7920, 0.3357, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **28.9878, 0.3487, 0.3472**, and if you desaturate by 10%, it is **36.9599, 0.3133, 0.3293**.

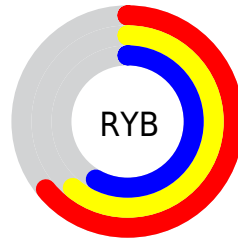
Distribution



Red (64%)

Green (60%)

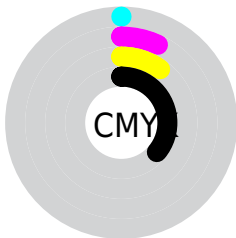
Blue (58%)



Red (64%)

Yellow (61%)

Blue (58%)

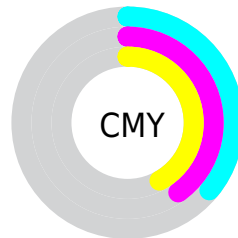


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (36%)



Cyan (36%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7816, 0.3296, 0.3380 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 32.7816, 0.3296, 0.3380 by changing the saturation by 10% instead.


 32.7816, 0.3296,
0.3380


 32.7816, 0.3296,
0.3380


314.6645, 0.3206,
0.3333

 21.9592, 0.3320,
0.3393


 64.0344, 0.3262,
0.3362

 13.8269, 0.3353,
0.3409


 85.2336, 0.3250,
0.3356

 8.0004, 0.3398,
0.3432


110.6605, 0.3239,
0.3350

 4.0952, 0.3467,
0.3466

140.6995, 0.3231,
0.3346

 1.7270, 0.3581,
0.3521

175.7350, 0.3223,
0.3342

 0.4410, 0.4504,
0.4043

216.1514, 0.3217,

 0.0000, 0.0000,

0.3339

0.0000

262.3331, 0.3211,
0.3336

■ 32.7816, 0.3296,
0.3380

■ 32.7816, 0.3296,
0.3380

■ 28.9878, 0.3487,
0.3472

■ 36.9599, 0.3133,
0.3293

■ 25.5630, 0.3710,
0.3568

■ 41.5289, 0.2994,
0.3213

■ 22.4970, 0.3967,
0.3663

■ 46.5002, 0.2875,
0.3138

■ 19.7777, 0.4259,
0.3751

■ 51.8835, 0.2774,
0.3071

■ 17.3920, 0.4579,
0.3825

■ 57.6884, 0.2687,
0.3009

■ 15.3259, 0.4917,
0.3872

■ 63.9239, 0.2612,
0.2952

■ 13.5645, 0.5252,
0.3881

■ 70.1541, 0.2580,
0.2973

■ 12.0911, 0.5556,
0.3842

■ 76.1373, 0.2597,
0.3096

■ 10.9220, 0.5808,
0.3770

■ 82.4837, 0.2614,
0.3215

Harmonies

Analogous

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



32.7816, 0.3280, 0.3309



32.7816, 0.3296, 0.3380



32.7816, 0.3266, 0.3428

Triad

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



32.7816, 0.3296, 0.3380



32.7816, 0.3031, 0.3346



32.7816, 0.3055, 0.3145

Complementary

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



32.7816, 0.3296, 0.3380



33.3293, 0.2970, 0.3198

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.



32.7816, 0.2990, 0.3153



32.7816, 0.3296, 0.3380



32.7816, 0.2976, 0.3268

Square

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



32.7816, 0.3296, 0.3380



32.7816, 0.3112, 0.3409



32.7816, 0.2961, 0.3197



32.7816, 0.3140, 0.3175

Rectangle

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



32.7816, 0.3296, 0.3380



32.7816, 0.3224, 0.3440



32.7816, 0.2961, 0.3197



32.7816, 0.3030, 0.3143

Sweetspot

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



32.7830, 0.3296, 0.3380



64.9859, 0.3174, 0.3316



31.2250, 0.3196, 0.3127



14.0751, 0.3186, 0.3323



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.



32.7830, 0.3296, 0.3380



58.1798, 0.3329, 0.3397



35.6467, 0.3282, 0.3503



7.4769, 0.3276, 0.3370



8.4568, 0.5791, 0.3784



0.2643, 0.5135, 0.4305

Inverse Universe

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



33.3293, 0.2970, 0.3198



59.3328, 0.2942, 0.3181



30.5465, 0.2969, 0.3068



7.5875, 0.2987, 0.3209



10.0467, 0.1920, 0.2112



0.2950, 0.2053, 0.2589

Previews

White Background



This preview shows how the Yxy color 32.7816, 0.3296, 0.3380 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 32.7816, 0.3296, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

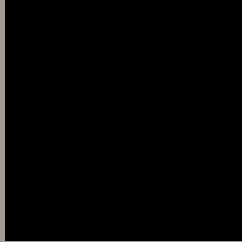
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7816, 0.3296, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 32.7816, 0.3296, 0.3380.



This preview shows how white text looks on a background with the Yxy color 32.7816, 0.3296, 0.3380.

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

32.7816, 0.3296, 0.3380

Protanopia

32.7229, 0.3244, 0.3380

Deuteranopia

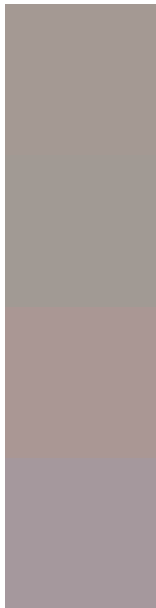
32.8350, 0.3385, 0.3320



Tritanopia

32.8488, 0.3175, 0.3131

Trichromacy



Original Color

32.7816, 0.3296, 0.3380

Protanomaly

32.8264, 0.3254, 0.3380

Deuteranomaly

32.8174, 0.3352, 0.3334

Tritanomaly

32.8901, 0.3211, 0.3217

Monochromacy



Original Color

32.7816, 0.3296, 0.3380

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.1135, 0.3185, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7816, 0.3296, 0.3380 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(164, 153, 147)` looks like.

```
.text, #text, p{  
    color:rgb(164, 153, 147)  
}
```

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(164, 153, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 153, 147) }
```

Border

The CSS property to change the border of an element to Yxy 32.7816, 0.3296, 0.3380 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(164, 153, 147) }
```

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

```
.border{ border-color:rgb(164, 153, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 153, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 153, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 153, 147);  
box-shadow:4px 4px 4px 4px rgb(164, 153,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7816, 0.3296, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 153, 147) }
```

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

```
.background{ background-color: rgb(164,  
153, 147) }
```

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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