

Converting Colors

$Y_{xy}(31.0242, 0.3332, 0.3392)$

Have a look what the booklet for
Yxy(31.0242, 0.3332, 0.3392)
contains.

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Color

Yxy(31.1293, 0.3331, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	A2958E
RGB	162, 149, 142
RGB Percent	64%, 58%, 56%
CMY	0.3648, 0.4156, 0.4432
CMYK	0.00, 0.08, 0.12, 0.36
HSL	21°, 10%, 60%
HSV	21°, 12%, 64%
XYZ	30.5245, 31.1293, 29.9838
YIQ	152.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

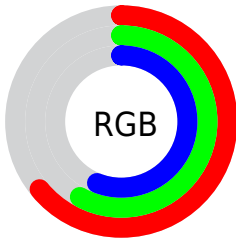
Format	Color
RYB	162, 153, 142
Decimal	10655118
CIELab	62.62, 3.54, 5.43
CIELCh	63, 6.480, 56.885
Yxy	31.1293, 0.3331, 0.3397
Android (android.graphics.Color)	4288845198 (0xFFA2958E)
YUV	152.0890, -4.9739, 8.6919
Hunter-Lab	55.7936, 0.0178, 7.1928

Details

The Yxy color **31.1293, 0.3331, 0.3397** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7785, 0.2941, 0.3181**, and the grayscale version is **31.4572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4491, 0.3288, 0.3371**, and **12.8231, 0.3396, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **27.5052, 0.3528, 0.3489**, and if you desaturate by 10%, it is **35.1263, 0.3163, 0.3310**.

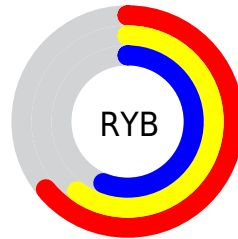
Distribution



Red (64%)

Green (58%)

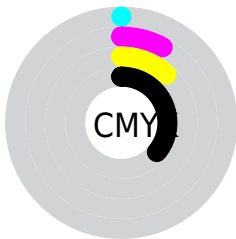
Blue (56%)



Red (64%)

Yellow (60%)

Blue (56%)

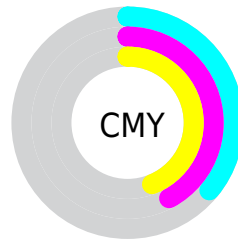


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (36%)



Cyan (36%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.1293, 0.3331, 0.3397 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 31.1293, 0.3331, 0.3397 by changing the saturation by 10% instead.


 31.1293, 0.3331,
0.3397


 31.1293, 0.3331,
0.3397


307.1336, 0.3222,
0.3341


 20.6973, 0.3361,
0.3412


 61.4436, 0.3289,
0.3376

 12.9029, 0.3401,
0.3432


 82.0947, 0.3274,
0.3368

 7.3617, 0.3458,
0.3460


 106.9210, 0.3262,
0.3362

 3.6893, 0.3545,
0.3501

136.3068, 0.3251,
0.3356

 1.5013, 0.3692,
0.3569

170.6366, 0.3242,
0.3351

 0.2897, 0.5553,
0.4447

210.2947, 0.3235,

 0.0000, 0.0000,

0.3347

0.0000

255.6656, 0.3228,
0.3344

■ 31.1293, 0.3331,
0.3397

■ 31.1293, 0.3331,
0.3397

■ 27.5052, 0.3528,
0.3489

■ 35.1263, 0.3163,
0.3310

■ 24.2389, 0.3757,
0.3585

■ 39.5025, 0.3019,
0.3228

■ 21.3204, 0.4021,
0.3678

■ 44.2693, 0.2897,
0.3153

■ 18.7376, 0.4319,
0.3764

■ 49.4363, 0.2793,
0.3085

■ 16.4776, 0.4645,
0.3833

■ 55.0127, 0.2703,
0.3022

■ 14.5267, 0.4985,
0.3874

■ 61.0075, 0.2626,
0.2965

■ 12.8698, 0.5317,
0.3874

■ 67.4061, 0.2562,
0.2917

■ 11.4905, 0.5612,
0.3826

■ 73.1739, 0.2579,
0.3040

■ 10.6039, 0.5812,
0.3768

■ 79.2953, 0.2596,
0.3160

Harmonies

Analogous

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



31.1293, 0.3311, 0.3312



31.1293, 0.3331, 0.3397



31.1293, 0.3295, 0.3456

Triad

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



31.1293, 0.3331, 0.3397



31.1293, 0.3013, 0.3359



31.1293, 0.3039, 0.3116

Complementary

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



31.1293, 0.3331, 0.3397



31.7785, 0.2941, 0.3181

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.



31.1293, 0.2961, 0.3125



31.1293, 0.3331, 0.3397



31.1293, 0.2946, 0.3264

Square

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



31.1293, 0.3331, 0.3397



31.1293, 0.3110, 0.3435



31.1293, 0.2928, 0.3179



31.1293, 0.3141, 0.3151

Rectangle

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



31.1293, 0.3331, 0.3397



31.1293, 0.3245, 0.3471



31.1293, 0.2928, 0.3179



31.1293, 0.3009, 0.3114

Sweetspot

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



31.1307, 0.3331, 0.3397



62.4868, 0.3190, 0.3324



29.3849, 0.3211, 0.3095



13.9124, 0.3202, 0.3331



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.



31.1307, 0.3331, 0.3397



54.5303, 0.3386, 0.3424



34.4173, 0.3312, 0.3544



7.4747, 0.3277, 0.3370



8.4320, 0.5796, 0.3780



0.2635, 0.5139, 0.4301

Inverse Universe

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



31.7785, 0.2941, 0.3181



55.9580, 0.2896, 0.3152



28.6019, 0.2937, 0.3023



7.5897, 0.2987, 0.3209



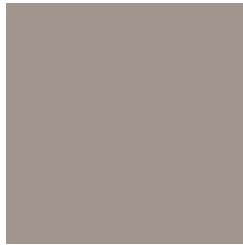
10.0968, 0.1922, 0.2119



0.2958, 0.2054, 0.2593

Previews

White Background



This preview shows how the Yxy color 31.1293, 0.3331, 0.3397 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 31.1293, 0.3331, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

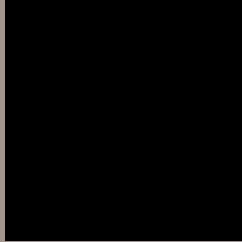
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1293, 0.3331, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 31.1293, 0.3331, 0.3397.



This preview shows how white text looks on a background with the Yxy color 31.1293, 0.3331, 0.3397.

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

31.1293, 0.3331, 0.3397

Protanopia

31.1843, 0.3255, 0.3413

Deuteranopia

30.9760, 0.3402, 0.3335



Tritanopia

31.2286, 0.3197, 0.3128

Trichromacy



Original Color

31.1293, 0.3331, 0.3397

Protanomaly

31.0650, 0.3277, 0.3398

Deuteranomaly

30.9576, 0.3368, 0.3350

Tritanomaly

31.2333, 0.3244, 0.3231

Monochromacy



Original Color

31.1293, 0.3331, 0.3397

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.3393, 0.3207, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1293, 0.3331, 0.3397 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, 149, 142)` looks like.

```
.text, #text, p{  
    color:rgb(162, 149, 142)  
}
```

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, 149, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 149, 142) }
```

Border

The CSS property to change the border of an element to Yxy 31.1293, 0.3331, 0.3397 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, 149, 142) }
```

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

```
.border{ border-color:rgb(162, 149, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 149, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 149, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 149, 142);  
box-shadow:4px 4px 4px 4px rgb(162, 149,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1293, 0.3331, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 149, 142) }
```

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

```
.background{ background-color: rgb(162,  
149, 142) }
```

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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