

Converting Colors

$Yxy(31.5787, 0.3041, 0.3418)$

Have a look what the booklet for
Yxy(31.5787, 0.3041, 0.3418)
contains.

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Color

Yxy(31.4905, 0.3044, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	8C9C94
RGB	140, 156, 148
RGB Percent	55%, 61%, 58%
CMY	0.4508, 0.3883, 0.4196
CMYK	0.10, 0.00, 0.05, 0.39
HSL	150°, 7%, 58%
HSV	150°, 10%, 61%
XYZ	28.0530, 31.4905, 32.6148
YIQ	150.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

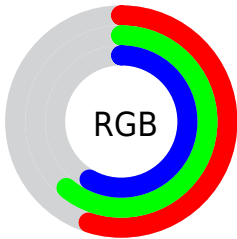
Format	Color
RYB	140, 151, 156
Decimal	9215124
CIELab	62.92, -7.27, 2.25
CIElCh	63, 7.608, 162.799
Yxy	31.4905, 0.3044, 0.3417
Android (android.graphics.Color)	4287405204 (0xFF8C9C94)
YUV	150.3040, -1.1359, -9.0366
Hunter-Lab	56.1164, -8.9702, 4.8221

Details

The Yxy color **31.4905, 0.3044, 0.3417** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9732, 0.3219, 0.3166**, and the grayscale version is **30.6450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8268, 0.3064, 0.3385**, and **13.1399, 0.3022, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **29.9917, 0.2965, 0.3556**, and if you desaturate by 10%, it is **33.2009, 0.3125, 0.3293**.

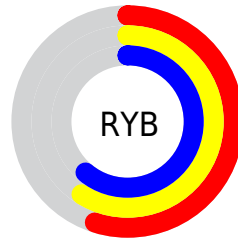
Distribution



Red (55%)

Green (61%)

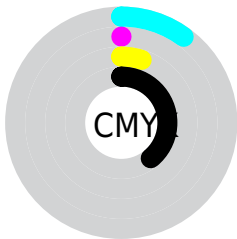
Blue (58%)



Red (55%)

Yellow (59%)

Blue (61%)

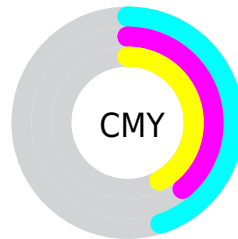


Cyan (10%)

Magenta (0%)

Yellow (5%)

Black (39%)



Cyan (45%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.4905, 0.3044, 0.3417 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 31.4905, 0.3044, 0.3417 by changing the saturation by 10% instead.

■ 31.4905, 0.3044,
0.3417

■ 31.4905, 0.3044,
0.3417

■ 308.7917, 0.3089,
0.3349

■ 20.9726, 0.3032,
0.3436

■ 62.0115, 0.3061,
0.3391

■ 13.1040, 0.3015,
0.3461

■ 82.7834, 0.3067,
0.3382

■ 7.5002, 0.2992,
0.3497

■ 107.7421, 0.3072,
0.3374

■ 3.7768, 0.2956,
0.3552

■ 137.2721, 0.3077,
0.3367

■ 1.5495, 0.2895,
0.3647

■ 171.7576, 0.3080,
0.3362

■ 0.3232, 0.2004,
0.4991

■ 211.5831, 0.3083,

■ 0.0000, 0.0000,

0.3357

0.0000

257.1330, 0.3086,
0.3353

■ 31.4905, 0.3044,
0.3417

■ 31.4905, 0.3044,
0.3417

■ 29.9917, 0.2965,
0.3556

■ 33.2009, 0.3125,
0.3293

■ 28.6920, 0.2890,
0.3708

■ 35.1267, 0.3207,
0.3182

■ 27.5838, 0.2823,
0.3874

■ 37.2766, 0.3287,
0.3084

■ 26.6576, 0.2766,
0.4052

■ 39.6580, 0.3366,
0.2998

■ 25.9028, 0.2722,
0.4239

■ 42.2774, 0.3442,
0.2922

■ 25.3077, 0.2695,
0.4432

■ 45.1414, 0.3514,
0.2856

■ 24.8592, 0.2686,
0.4625

■ 48.2563, 0.3583,
0.2799

■ 24.5420, 0.2696,
0.4813

■ 49.7154, 0.3561,
0.2731

■ 24.3227, 0.2719,
0.4989

■ 50.1160, 0.3488,
0.2656

Harmonies

Analogous

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



31.4905, 0.3165, 0.3487



31.4905, 0.3044, 0.3417



31.4905, 0.2946, 0.3312

Triad

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



31.4905, 0.3044, 0.3417



31.4905, 0.2976, 0.3085



31.4905, 0.3363, 0.3370

Complementary

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



31.4905, 0.3044, 0.3417



27.9732, 0.3219, 0.3166

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.



31.4905, 0.3311, 0.3265



31.4905, 0.3044, 0.3417



31.4905, 0.3086, 0.3103

Square

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



31.4905, 0.3044, 0.3417



31.4905, 0.2908, 0.3121



31.4905, 0.3208, 0.3168



31.4905, 0.3351, 0.3457

Rectangle

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



31.4905, 0.3044, 0.3417



31.4905, 0.2907, 0.3238



31.4905, 0.3208, 0.3168



31.4905, 0.3353, 0.3336

Sweetspot

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



31.4918, 0.3044, 0.3417



59.3891, 0.3102, 0.3326



31.9919, 0.3197, 0.3541



13.0142, 0.3096, 0.3336



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



31.4918, 0.3044, 0.3417



56.6254, 0.3028, 0.3444



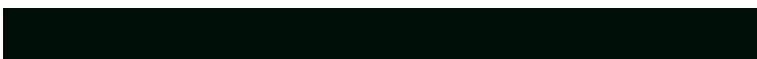
31.7450, 0.2976, 0.3294



7.4535, 0.3052, 0.3404



20.0429, 0.2716, 0.4977



0.3669, 0.2515, 0.4255

Inverse Universe

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



27.9732, 0.3219, 0.3166



49.0828, 0.3239, 0.3141



27.7363, 0.3300, 0.3286



6.6988, 0.3210, 0.3178



6.2840, 0.4911, 0.2479



0.1209, 0.4096, 0.2030

Previews

White Background



This preview shows how the Yxy color 31.4905, 0.3044, 0.3417 looks on a white background.

Color Contrast Check

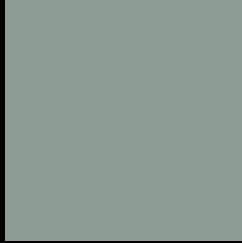
Large Text (above 18pt) WCAG AA × Fail

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 31.4905, 0.3044, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

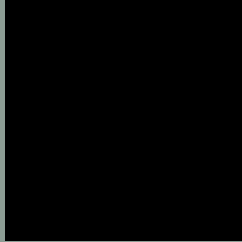
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

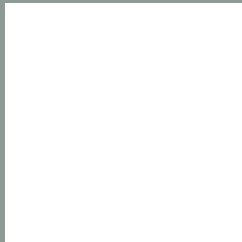
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.4905, 0.3044, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 31.4905, 0.3044, 0.3417.



This preview shows how white text looks on a background with the Yxy color 31.4905, 0.3044, 0.3417.

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

31.4905, 0.3044, 0.3417

Protanopia

31.2455, 0.3235, 0.3382

Deuteranopia

31.2849, 0.3307, 0.3246



Tritanopia

31.3753, 0.2915, 0.3090

Trichromacy



Original Color

31.4905, 0.3044, 0.3417

Protanomaly

31.3418, 0.3162, 0.3399

Deuteranomaly

31.1507, 0.3208, 0.3305

Tritanomaly

31.3652, 0.2966, 0.3212

Monochromacy



Original Color

31.4905, 0.3044, 0.3417

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.7374, 0.3095, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4905, 0.3044, 0.3417 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(140, 156, 148)` looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 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(140, 156, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 148) }
```

Border

The CSS property to change the border of an element to Yxy 31.4905, 0.3044, 0.3417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

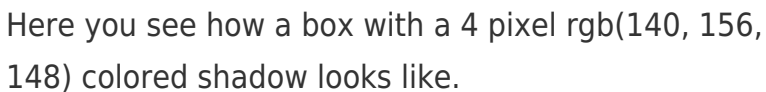
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 156, 148) }
```

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

```
.border{ border-color:rgb(140, 156, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(140, 156, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 156, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 156, 148);  
box-shadow:4px 4px 4px 4px rgb(140, 156,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4905, 0.3044, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 148) }
```

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

```
.background{ background-color: rgb(140,  
156, 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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