

Converting Colors

$Yxy(31.0288, 0.2940, 0.3002)$

Have a look what the booklet for
Yxy(31.0288, 0.2940, 0.3002)
contains.

Yxy(31.0668, 0.2944, 0.3003)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.0668, 0.2944, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	9596A9
RGB	149, 150, 169
RGB Percent	58%, 59%, 66%
CMY	0.4159, 0.4117, 0.3372
CMYK	0.12, 0.11, 0.00, 0.34
HSL	237°, 10%, 62%
HSV	237°, 12%, 66%
XYZ	30.4564, 31.0668, 41.9293
YIQ	151.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

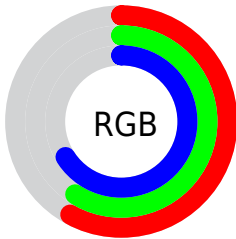
Format	Color
R_{YB}	149, 150, 169
Decimal	9803433
CIE _{Lab}	62.56, 3.51, -10.05
CIE _{LCh}	63, 10.647, 289.262
Yxy	31.0668, 0.2944, 0.3003
Android (android.graphics.Color)	4287993513 (0xFF9596A9)
YUV	151.8670, 8.4466, -2.5144
Hunter-Lab	55.7376, -0.0039, -5.5853

Details

The Yxy color **31.0668, 0.2944, 0.3003** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5893, 0.3302, 0.3562**, and the grayscale version is **31.3023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2641, 0.2982, 0.3061**, and **12.8047, 0.2879, 0.2901** is the 20% darker color. If you saturate the color by 10%, you get **24.8274, 0.2769, 0.2727**, and if you desaturate by 10%, it is **38.2374, 0.3100, 0.3248**.

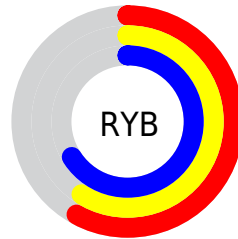
Distribution



Red (58%)

Green (59%)

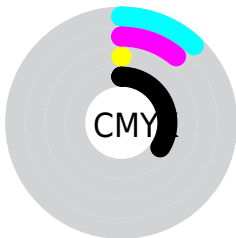
Blue (66%)



Red (58%)

Yellow (59%)

Blue (66%)

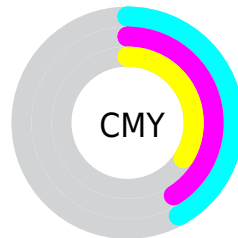


Cyan (12%)

Magenta (11%)

Yellow (0%)

Black (34%)



Cyan (42%)

Magenta (41%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0668, 0.2944, 0.3003 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 31.0668, 0.2944, 0.3003 by changing the saturation by 10% instead.

■ 31.0668, 0.2944,
0.3003

■ 31.0668, 0.2944,
0.3003

306.8459, 0.3042,
0.3154

■ 20.6497, 0.2917,
0.2962

■ 61.3452, 0.2981,
0.3060

■ 12.8682, 0.2881,
0.2909

■ 81.9754, 0.2995,
0.3081

■ 7.3379, 0.2831,
0.2834

106.7786, 0.3006,
0.3098

■ 3.6743, 0.2755,
0.2723

136.1395, 0.3015,
0.3113

■ 1.4931, 0.2628,
0.2541

170.4422, 0.3023,
0.3126

■ 0.2838, 0.2152,
0.1718

210.0713, 0.3030,

■ 0.0000, 0.0000,

0.3136

0.0000

255.4110, 0.3037,
0.3146

■ 31.0668, 0.2944,
0.3003

■ 31.0668, 0.2944,
0.3003

■ 24.8274, 0.2769,
0.2727

■ 38.2374, 0.3100,
0.3248

■ 19.4773, 0.2578,
0.2422

■ 46.3710, 0.3238,
0.3462

■ 14.9772, 0.2375,
0.2095

■ 55.5029, 0.3358,
0.3648

■ 11.2832, 0.2168,
0.1758

■ 65.6654, 0.3462,
0.3808

■ 8.3477, 0.1969,
0.1430

■ 76.8892, 0.3553,
0.3946

■ 6.1180, 0.1792,
0.1133

■ 89.2039, 0.3631,
0.4065

■ 4.5346, 0.1652,
0.0891

■ 95.6448, 0.3638,
0.4134

■ 3.5283, 0.1557,
0.0720

■ 3.0586, 0.1510,
0.0636

Harmonies

Analogous

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



31.0668, 0.2834, 0.3035



31.0668, 0.2944, 0.3003



31.0668, 0.3105, 0.3044

Triad

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



31.0668, 0.2944, 0.3003



31.0668, 0.3464, 0.3430



31.0668, 0.2976, 0.3440

Complementary

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



31.0668, 0.2944, 0.3003



38.5893, 0.3302, 0.3562

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.



31.0668, 0.3142, 0.3554



31.0668, 0.2944, 0.3003



31.0668, 0.3427, 0.3543

Square

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



31.0668, 0.2944, 0.3003



31.0668, 0.3409, 0.3285



31.0668, 0.3308, 0.3590



31.0668, 0.2853, 0.3285

Rectangle

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



31.0668, 0.2944, 0.3003



31.0668, 0.3221, 0.3106



31.0668, 0.3308, 0.3590



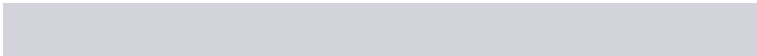
31.0668, 0.3029, 0.3485

Sweetspot

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



31.0681, 0.2944, 0.3003



65.4939, 0.3067, 0.3196



37.5781, 0.2960, 0.3309



14.0642, 0.3056, 0.3179



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



31.0681, 0.2944, 0.3003



52.8202, 0.2904, 0.2940



31.5791, 0.3028, 0.2994



7.3618, 0.2986, 0.3069



2.3046, 0.1512, 0.0643



0.0753, 0.1565, 0.0833

Inverse Universe

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



32.1193, 0.3325, 0.3275



55.0565, 0.3372, 0.3272



38.0527, 0.3218, 0.3584



7.5485, 0.3278, 0.3278



6.3037, 0.6328, 0.3260



0.1553, 0.6017, 0.3088

Previews

White Background



This preview shows how the Yxy color 31.0668, 0.2944, 0.3003 looks on a white background.

Color Contrast Check

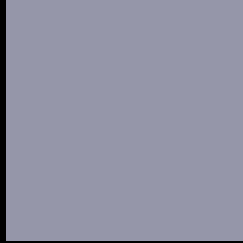
Large Text (above 18pt) WCAG AA × Fail

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 31.0668, 0.2944, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

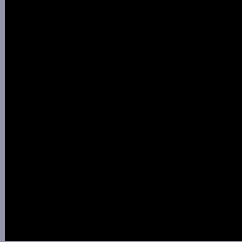
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0668, 0.2944, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 31.0668, 0.2944, 0.3003.



This preview shows how white text looks on a background with the Yxy color 31.0668, 0.2944, 0.3003.

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

31.0668, 0.2944, 0.3003

Protanopia

31.0668, 0.2944, 0.3003

Deuteranopia

30.9378, 0.3013, 0.2950



Tritanopia

31.0735, 0.2988, 0.3106

Trichromacy



Original Color

31.0668, 0.2944, 0.3003

Protanomaly

31.0668, 0.2944, 0.3003

Deuteranomaly

30.9521, 0.2983, 0.2962

Tritanomaly

31.1457, 0.2970, 0.3076

Monochromacy



Original Color

31.0668, 0.2944, 0.3003

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.1811, 0.3062, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0668, 0.2944, 0.3003 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(149, 150, 169)` looks like.

```
.text, #text, p{  
    color:rgb(149, 150, 169)  
}
```

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(149, 150, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 150, 169) }
```

Border

The CSS property to change the border of an element to Yxy 31.0668, 0.2944, 0.3003 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(149, 150, 169) }
```

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

```
.border{ border-color:rgb(149, 150, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 150, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 150, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 150, 169);  
box-shadow:4px 4px 4px 4px rgb(149, 150,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0668, 0.2944, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 150, 169) }
```

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

```
.background{ background-color: rgb(149,  
150, 169) }
```

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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