

Converting Colors

$Y_{xy}(30.1070, 0.3024, 0.3136)$

Have a look what the booklet for
Yxy(30.1070, 0.3024, 0.3136)
contains.

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Color

Yxy(30.2940, 0.3024, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	94959F
RGB	148, 149, 159
RGB Percent	58%, 58%, 62%
CMY	0.4195, 0.4157, 0.3764
CMYK	0.07, 0.06, 0.00, 0.38
HSL	235°, 5%, 60%
HSV	235°, 7%, 62%
XYZ	29.2214, 30.2940, 37.1162
YIQ	149.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

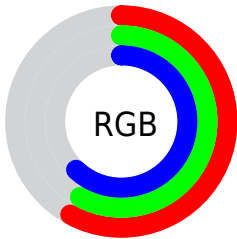
Format	Color
R _Y B	148, 149, 159
Decimal	9737631
CIE Lab	61.91, 1.66, -5.39
CIE LCh	62, 5.637, 287.074
Yxy	30.2940, 0.3024, 0.3135
Android (android.graphics.Color)	4287927711 (0xFF94959F)
YUV	149.8410, 4.5154, -1.6146
Hunter-Lab	55.0400, -1.5522, -1.4542

Details

The Yxy color **30.2940, 0.3024, 0.3135** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9779, 0.3228, 0.3440**, and the grayscale version is **30.4119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1235, 0.3042, 0.3162**, and **12.3595, 0.2978, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **24.6112, 0.2860, 0.2886**, and if you desaturate by 10%, it is **36.7530, 0.3170, 0.3355**.

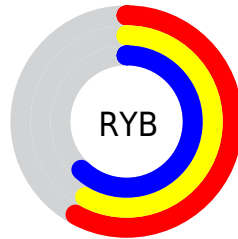
Distribution



Red (58%)

Green (58%)

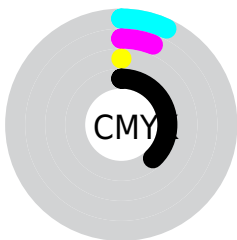
Blue (62%)



Red (58%)

Yellow (58%)

Blue (62%)

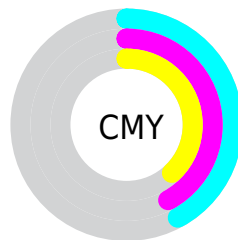


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2940, 0.3024, 0.3135 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 30.2940, 0.3024, 0.3135 by changing the saturation by 10% instead.

■ 30.2940, 0.3024,
0.3135

■ 30.2940, 0.3024,
0.3135

303.2725, 0.3079,
0.3218

■ 20.0619, 0.3009,
0.3112

■ 60.1268, 0.3045,
0.3166

■ 12.4400, 0.2988,
0.3082

■ 80.4963, 0.3053,
0.3178

■ 7.0441, 0.2959,
0.3040

105.0136, 0.3059,
0.3187

■ 3.4897, 0.2915,
0.2976

134.0632, 0.3064,
0.3195

■ 1.3924, 0.2839,
0.2867

168.0295, 0.3069,
0.3202

■ 0.2111, 0.2277,
0.1994

207.2969, 0.3073,

■ 0.0000, 0.0000,

0.3208

0.0000

252.2498, 0.3076,
0.3213

■ 30.2940, 0.3024,
0.3135

■ 30.2940, 0.3024,
0.3135

■ 24.6112, 0.2860,
0.2886

■ 36.7530, 0.3170,
0.3355

■ 19.6717, 0.2680,
0.2608

■ 44.0120, 0.3300,
0.3546

■ 15.4459, 0.2486,
0.2305

■ 52.0984, 0.3413,
0.3712

■ 11.9007, 0.2284,
0.1984

■ 61.0371, 0.3512,
0.3856

■ 9.0003, 0.2083,
0.1659

■ 70.8522, 0.3599,
0.3980

■ 6.7059, 0.1897,
0.1348

■ 81.5665, 0.3674,
0.4087

■ 4.9741, 0.1737,
0.1073

■ 92.3720, 0.3710,
0.4189

■ 3.7561, 0.1615,
0.0853

■ 95.2839, 0.3695,
0.4228

■ 2.9894, 0.1538,
0.0702

Harmonies

Analogous

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



30.2940, 0.2967, 0.3157



30.2940, 0.3024, 0.3135



30.2940, 0.3109, 0.3154

Triad

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



30.2940, 0.3024, 0.3135



30.2940, 0.3306, 0.3361



30.2940, 0.3053, 0.3375

Complementary

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



30.2940, 0.3024, 0.3135



33.9779, 0.3228, 0.3440

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.



30.2940, 0.3143, 0.3432



30.2940, 0.3024, 0.3135



30.2940, 0.3290, 0.3423

Square

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



30.2940, 0.3024, 0.3135



30.2940, 0.3273, 0.3283



30.2940, 0.3230, 0.3449



30.2940, 0.2983, 0.3295

Rectangle

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



30.2940, 0.3024, 0.3135



30.2940, 0.3171, 0.3186



30.2940, 0.3230, 0.3449



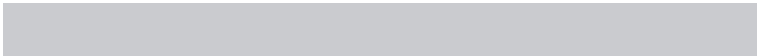
30.2940, 0.3082, 0.3397

Sweetspot

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



30.2953, 0.3024, 0.3135



59.7097, 0.3098, 0.3246



33.5659, 0.3032, 0.3307



13.4925, 0.3099, 0.3248



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.2953, 0.3024, 0.3135



52.9136, 0.3005, 0.3106



30.4043, 0.3068, 0.3122



6.5257, 0.2987, 0.3080



2.2583, 0.1521, 0.0676



0.0650, 0.1616, 0.1018

Inverse Universe

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



30.7275, 0.3232, 0.3275



53.8225, 0.3252, 0.3273



33.8722, 0.3183, 0.3457



6.6553, 0.3271, 0.3270



5.8502, 0.6273, 0.3229



0.1071, 0.5732, 0.2931

Previews

White Background



This preview shows how the Yxy color 30.2940, 0.3024, 0.3135 looks on a white background.

Color Contrast Check

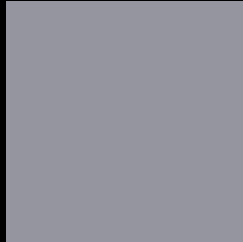
Large Text (above 18pt) WCAG AA × Fail

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 30.2940, 0.3024, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

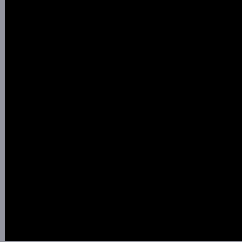
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

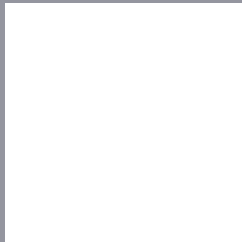
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.2940, 0.3024, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 30.2940, 0.3024, 0.3135.



This preview shows how white text looks on a background with the Yxy color 30.2940, 0.3024, 0.3135.

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

30.2940, 0.3024, 0.3135

Protanopia

30.3877, 0.3034, 0.3136

Deuteranopia

30.1598, 0.3127, 0.3065



Tritanopia

30.3640, 0.3006, 0.3105

Trichromacy



Original Color

30.2940, 0.3024, 0.3135

Protanomaly

30.3877, 0.3034, 0.3136

Deuteranomaly

30.0644, 0.3086, 0.3078

Tritanomaly

30.3289, 0.3015, 0.3120

Monochromacy



Original Color

30.2940, 0.3024, 0.3135

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.5022, 0.3089, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2940, 0.3024, 0.3135 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(148, 149, 159)` looks like.

```
.text, #text, p{  
    color:rgb(148, 149, 159)  
}
```

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(148, 149, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 149, 159) }
```

Border

The CSS property to change the border of an element to Yxy 30.2940, 0.3024, 0.3135 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(148, 149, 159) }
```

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

```
.border{ border-color:rgb(148, 149, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 149, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 149, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 149, 159);  
box-shadow:4px 4px 4px 4px rgb(148, 149,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2940, 0.3024, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 149, 159) }
```

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

```
.background{ background-color: rgb(148,  
149, 159) }
```

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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