

Converting Colors

$Y_{xy}(29.4830, 0.2941, 0.3048)$

Have a look what the booklet for
Yxy(29.4830, 0.2941, 0.3048)
contains.

Yxy(29.3514, 0.2939, 0.3040)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.3514, 0.2939, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	8F93A3
RGB	143, 147, 163
RGB Percent	56%, 58%, 64%
CMY	0.4391, 0.4236, 0.3608
CMYK	0.12, 0.10, 0.00, 0.36
HSL	228°, 10%, 60%
HSV	228°, 12%, 64%
XYZ	28.3762, 29.3514, 38.8230
YIQ	147.6280, -7.5200, 4.1280

Conversions

Conversions Part 2

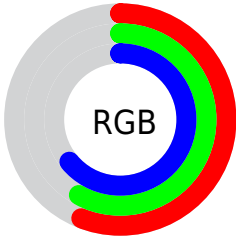
Format	Color
RYB	143, 146, 163
Decimal	9409443
CIELab	61.09, 1.89, -8.91
CIELCh	61, 9.104, 281.978
Yxy	29.3514, 0.2939, 0.3040
Android (android.graphics.Color)	4287599523 (0xFF8F93A3)
YUV	147.6280, 7.5784, -4.0588
Hunter-Lab	54.1769, -1.3167, -4.5632

Details

The Yxy color **29.3514, 0.2939, 0.3040** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5819, 0.3313, 0.3528**, and the grayscale version is **29.4240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7056, 0.2978, 0.3091**, and **12.0242, 0.2884, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **24.1666, 0.2770, 0.2808**, and if you desaturate by 10%, it is **35.2116, 0.3094, 0.3247**.

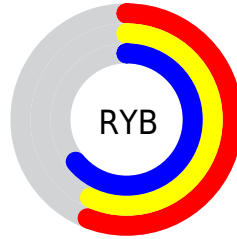
Distribution



Red (56%)

Green (58%)

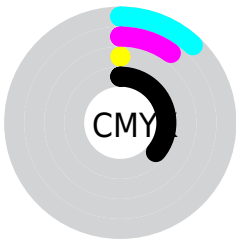
Blue (64%)



Red (56%)

Yellow (57%)

Blue (64%)

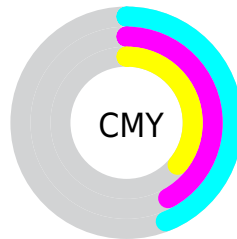


Cyan (12%)

Magenta (10%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3514, 0.2939, 0.3040 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 29.3514, 0.2939, 0.3040 by changing the saturation by 10% instead.

■ 29.3514, 0.2939,
0.3040

■ 29.3514, 0.2939,
0.3040

■ 298.8694, 0.3040,
0.3174

■ 19.3468, 0.2911,
0.3004

■ 58.6349, 0.2978,
0.3091

■ 11.9211, 0.2874,
0.2955

■ 78.6827, 0.2992,
0.3109

■ 6.6900, 0.2820,
0.2886

■ 102.8469, 0.3003,
0.3124

■ 3.2690, 0.2739,
0.2782

■ 131.5120, 0.3013,
0.3137

■ 1.2737, 0.2600,
0.2607

■ 165.0624, 0.3021,
0.3148

■ 0.1207, 0.1553,
0.1166

■ 203.8825, 0.3028,

■ 0.0000, 0.0000,

0.3158

0.0000

248.3567, 0.3035,
0.3166

■ 29.3514, 0.2939,
0.3040

■ 29.3514, 0.2939,
0.3040

■ 24.1666, 0.2770,
0.2808

■ 35.2116, 0.3094,
0.3247

■ 19.6290, 0.2589,
0.2551

■ 41.7667, 0.3235,
0.3429

■ 15.7139, 0.2399,
0.2274

■ 49.0398, 0.3361,
0.3588

■ 12.3937, 0.2209,
0.1982

■ 57.0522, 0.3473,
0.3727

■ 9.6384, 0.2025,
0.1688

■ 65.8240, 0.3573,
0.3847

■ 7.4154, 0.1858,
0.1405

■ 75.3746, 0.3662,
0.3951

■ 5.6887, 0.1719,
0.1149

■ 85.3157, 0.3726,
0.4046

■ 4.4172, 0.1616,
0.0937

■ 93.2208, 0.3683,
0.4161

■ 3.6970, 0.1558,
0.0807

■ 95.4246, 0.3672,
0.4191

Harmonies

Analogous

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



29.3514, 0.2858, 0.3084



29.3514, 0.2939, 0.3040



29.3514, 0.3072, 0.3060

Triad

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



29.3514, 0.2939, 0.3040



29.3514, 0.3416, 0.3383



29.3514, 0.3029, 0.3449

Complementary

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



29.3514, 0.2939, 0.3040



34.5819, 0.3313, 0.3528

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.



29.3514, 0.3177, 0.3534



29.3514, 0.2939, 0.3040



29.3514, 0.3403, 0.3491

Square

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



29.3514, 0.2939, 0.3040



29.3514, 0.3349, 0.3255



29.3514, 0.3315, 0.3548



29.3514, 0.2909, 0.3320

Rectangle

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



29.3514, 0.2939, 0.3040



29.3514, 0.3173, 0.3107



29.3514, 0.3315, 0.3548



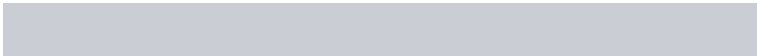
29.3514, 0.3077, 0.3484

Sweetspot

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



29.3526, 0.2939, 0.3040



61.0560, 0.3067, 0.3211



34.5428, 0.2977, 0.3351



13.5359, 0.3056, 0.3197



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.



29.3526, 0.2939, 0.3040



49.6315, 0.2889, 0.2973



28.6899, 0.2998, 0.2982



7.0771, 0.2987, 0.3104



2.9267, 0.1561, 0.0820



0.1201, 0.1727, 0.1417

Inverse Universe

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



29.5473, 0.3302, 0.3231



50.1021, 0.3352, 0.3215



35.3504, 0.3247, 0.3591



7.1079, 0.3255, 0.3246



6.1396, 0.6038, 0.3100



0.1349, 0.5169, 0.2621

Previews

White Background



This preview shows how the Yxy color 29.3514, 0.2939, 0.3040 looks on a white background.

Color Contrast Check

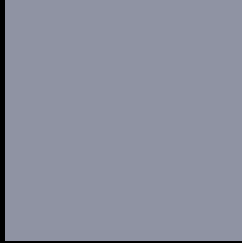
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3514, 0.2939, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

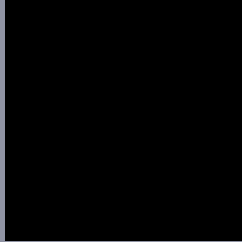
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

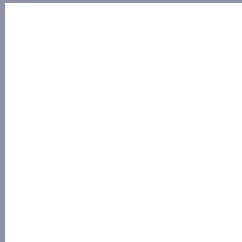
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.3514, 0.2939, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 29.3514, 0.2939, 0.3040.



This preview shows how white text looks on a background with the Yxy color 29.3514, 0.2939, 0.3040.

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

29.3514, 0.2939, 0.3040

Protanopia

29.2219, 0.2958, 0.3026

Deuteranopia

29.1953, 0.3039, 0.2972



Tritanopia

29.4338, 0.2965, 0.3117

Trichromacy



Original Color

29.3514, 0.2939, 0.3040

Protanomaly

29.1314, 0.2948, 0.3025

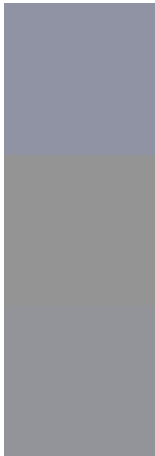
Deuteranomaly

29.1109, 0.2998, 0.2984

Tritanomaly

29.4687, 0.2956, 0.3101

Monochromacy



Original Color

29.3514, 0.2939, 0.3040

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.5907, 0.3060, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3514, 0.2939, 0.3040 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(143, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(143, 147, 163)  
}
```

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(143, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 147, 163) }
```

Border

The CSS property to change the border of an element to Yxy 29.3514, 0.2939, 0.3040 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(143, 147, 163) }
```

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

```
.border{ border-color:rgb(143, 147, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 147, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 147, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 147, 163);  
box-shadow:4px 4px 4px 4px rgb(143, 147,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3514, 0.2939, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 147, 163) }
```

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

```
.background{ background-color: rgb(143,  
147, 163) }
```

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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