

Converting Colors

$Y_{xy}(29.8999, 0.2757, 0.2965)$

Have a look what the booklet for
Yxy(29.8999, 0.2757, 0.2965)
contains.

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Color

Yxy(29.9371, 0.2756, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	8397AC
RGB	131, 151, 172
RGB Percent	51%, 59%, 67%
CMY	0.4862, 0.4078, 0.3256
CMYK	0.24, 0.12, 0.00, 0.33
HSL	211°, 20%, 59%
HSV	211°, 24%, 67%
XYZ	27.8739, 29.9371, 43.3279
YIQ	147.4140, -18.6610, 2.2910

Conversions

Conversions Part 2

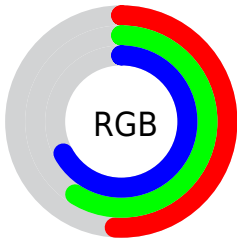
Format	Color
R_{YB}	131, 144, 172
Decimal	8624044
CIE _{Lab}	61.60, -2.29, -13.31
CIE _{LCh}	62, 13.509, 260.240
Yxy	29.9371, 0.2756, 0.2960
Android (android.graphics.Color)	4286814124 (0xFF8397AC)
YUV	147.4140, 12.1209, -14.3951
Hunter-Lab	54.7148, -4.8160, -8.6506

Details

The Yxy color **29.9371, 0.2756, 0.2960** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8647, 0.3541, 0.3599**, and the grayscale version is **29.3143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5230, 0.2835, 0.3030**, and **12.2197, 0.2632, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **25.9465, 0.2594, 0.2797**, and if you desaturate by 10%, it is **34.3700, 0.2916, 0.3109**.

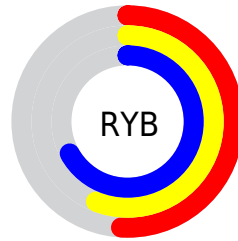
Distribution



Red (51%)

Green (59%)

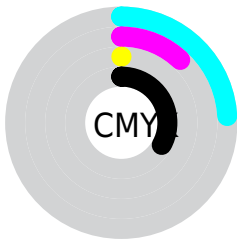
Blue (67%)



Red (51%)

Yellow (56%)

Blue (67%)

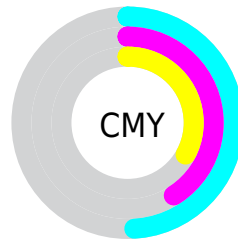


Cyan (24%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (49%)

Magenta (41%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.9371, 0.2756, 0.2960 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 29.9371, 0.2756, 0.2960 by changing the saturation by 10% instead.

■ 29.9371, 0.2756,
0.2960

■ 29.9371, 0.2756,
0.2960

301.6112, 0.2953,
0.3137

■ 19.7908, 0.2703,
0.2912

■ 59.5627, 0.2831,
0.3027

■ 12.2431, 0.2632,
0.2847

■ 79.8108, 0.2858,
0.3052

■ 6.9095, 0.2533,
0.2756

■ 104.1950, 0.2880,
0.3072

■ 3.4055, 0.2386,
0.2619

133.0997, 0.2899,
0.3089

■ 1.3469, 0.2146,
0.2393

166.9093, 0.2916,
0.3104

■ 0.1771, 0.0791,
0.1245

206.0081, 0.2930,

■ 0.0000, 0.0000,

0.3116

0.0000

250.7806, 0.2942,
0.3127

■ 29.9371, 0.2756,
0.2960

■ 29.9371, 0.2756,
0.2960

■ 25.9465, 0.2594,
0.2797

■ 34.3700, 0.2916,
0.3109

■ 22.3786, 0.2433,
0.2621

■ 39.2565, 0.3070,
0.3243

■ 19.2178, 0.2277,
0.2433

■ 44.6118, 0.3217,
0.3362

■ 16.4458, 0.2132,
0.2238

■ 50.4495, 0.3357,
0.3468

■ 14.0423, 0.2002,
0.2040

■ 56.7825, 0.3487,
0.3562

■ 11.9849, 0.1893,
0.1845

■ 63.6230, 0.3608,
0.3644

■ 10.2473, 0.1808,
0.1657

■ 70.9830, 0.3721,
0.3716

■ 9.3009, 0.1763,
0.1546

■ 76.2013, 0.3721,
0.3798

■ 80.9891, 0.3693,
0.3882

Harmonies

Analogous

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



29.9371, 0.2711, 0.3085



29.9371, 0.2756, 0.2960



29.9371, 0.2898, 0.2924

Triad

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



29.9371, 0.2756, 0.2960



29.9371, 0.3494, 0.3288



29.9371, 0.3138, 0.3629

Complementary

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



29.9371, 0.2756, 0.2960



32.8647, 0.3541, 0.3599

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.



29.9371, 0.3351, 0.3678



29.9371, 0.2756, 0.2960



29.9371, 0.3562, 0.3472

Square

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



29.9371, 0.2756, 0.2960



29.9371, 0.3324, 0.3111



29.9371, 0.3508, 0.3616



29.9371, 0.2926, 0.3478

Rectangle

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



29.9371, 0.2756, 0.2960



29.9371, 0.3031, 0.2952



29.9371, 0.3508, 0.3616



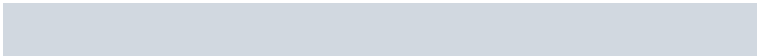
29.9371, 0.3211, 0.3658

Sweetspot

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



29.9383, 0.2756, 0.2960



68.2073, 0.3020, 0.3200



36.5748, 0.2936, 0.3611



14.7126, 0.3011, 0.3193



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



29.9383, 0.2756, 0.2960



50.0982, 0.2664, 0.2869



24.0439, 0.2730, 0.2633



8.3779, 0.2986, 0.3171



7.0325, 0.1768, 0.1564



0.3055, 0.1925, 0.2130

Inverse Universe

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



27.2416, 0.3380, 0.2998



44.5837, 0.3458, 0.2924



39.9046, 0.3479, 0.3872



8.0780, 0.3213, 0.3180



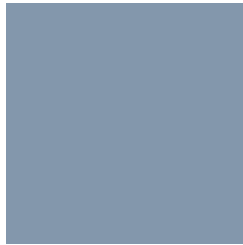
7.0130, 0.4977, 0.2515



0.2062, 0.4308, 0.2147

Previews

White Background



This preview shows how the Yxy color 29.9371, 0.2756, 0.2960 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 29.9371, 0.2756, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

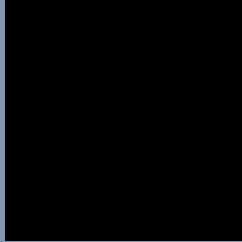
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

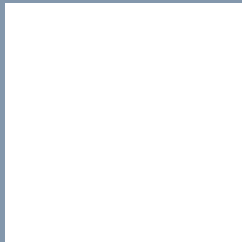
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.9371, 0.2756, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 29.9371, 0.2756, 0.2960.



This preview shows how white text looks on a background with the Yxy color 29.9371, 0.2756, 0.2960.

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

29.9371, 0.2756, 0.2960

Protanopia

29.7895, 0.2896, 0.2938

Deuteranopia

29.8472, 0.2927, 0.2871



Tritanopia

29.8039, 0.2804, 0.3097

Trichromacy



Original Color

29.9371, 0.2756, 0.2960

Protanomaly

29.6955, 0.2842, 0.2934

Deuteranomaly

29.8139, 0.2861, 0.2894

Tritanomaly

29.9923, 0.2788, 0.3051

Monochromacy



Original Color

29.9371, 0.2756, 0.2960

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.2428, 0.2982, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9371, 0.2756, 0.2960 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(131, 151, 172)` looks like.

```
.text, #text, p{  
    color:rgb(131, 151, 172)  
}
```

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(131, 151, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 151, 172) }
```

Border

The CSS property to change the border of an element to Yxy 29.9371, 0.2756, 0.2960 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(131, 151, 172) }
```

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

```
.border{ border-color:rgb(131, 151, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 151, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 151, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 151, 172);  
box-shadow:4px 4px 4px 4px rgb(131, 151,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9371, 0.2756, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 151, 172) }
```

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

```
.background{ background-color: rgb(131,  
151, 172) }
```

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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