

Converting Colors

$Y_{xy}(28.3804, 0.2734, 0.2908)$

Have a look what the booklet for
Yxy(28.3804, 0.2734, 0.2908)
contains.

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Color

Yxy(28.3969, 0.2732, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	8093AB
RGB	128, 147, 171
RGB Percent	50%, 58%, 67%
CMY	0.4980, 0.4235, 0.3294
CMYK	0.25, 0.14, 0.00, 0.33
HSL	213°, 20%, 59%
HSV	213°, 25%, 67%
XYZ	26.6874, 28.3969, 42.6002
YIQ	144.0550, -19.0280, 3.4360

Conversions

Conversions Part 2

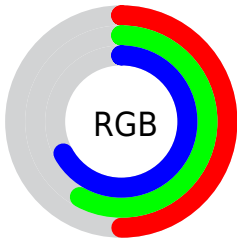
Format	Color
R _Y B	128, 141, 171
Decimal	8426411
CIE Lab	60.25, -1.23, -14.82
CIE LCh	60, 14.872, 265.239
Yxy	28.3969, 0.2732, 0.2907
Android (android.graphics.Color)	4286616491 (0xFF8093AB)
YUV	144.0550, 13.2839, -14.0802
Hunter-Lab	53.2887, -3.8611, -10.0957

Details

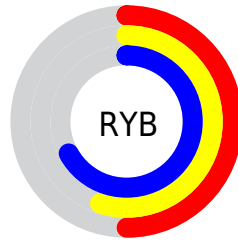
The Yxy color **28.3969, 0.2732, 0.2907** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6758, 0.3561, 0.3645**, and the grayscale version is **27.8658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0880, 0.2811, 0.2990**, and **11.5010, 0.2599, 0.2781** is the 20% darker color. If you saturate the color by 10%, you get **24.3349, 0.2566, 0.2726**, and if you desaturate by 10%, it is **32.9310, 0.2894, 0.3072**.

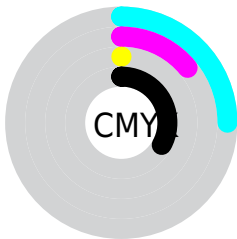
Distribution



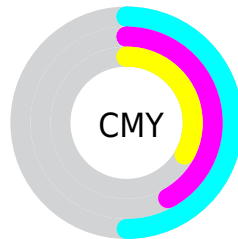
- Red (50%)
- Green (58%)
- Blue (67%)



- Red (50%)
- Yellow (55%)
- Blue (67%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.3969, 0.2732, 0.2907 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 28.3969, 0.2732, 0.2907 by changing the saturation by 10% instead.

■ 28.3969, 0.2732,
0.2907

■ 28.3969, 0.2732,
0.2907

■ 294.3586, 0.2944,
0.3113

■ 18.6251, 0.2674,
0.2850

■ 57.1175, 0.2812,
0.2986

■ 11.3997, 0.2597,
0.2775

■ 76.8350, 0.2842,
0.3014

■ 6.3363, 0.2489,
0.2668

■ 100.6366, 0.2866,
0.3038

■ 3.0507, 0.2326,
0.2506

■ 128.9066, 0.2886,
0.3057

■ 1.1582, 0.2059,
0.2239

■ 162.0294, 0.2904,
0.3074

■ 0.0272, 0.0000,
0.0248

■ 200.3894, 0.2919,

■ 0.0000, 0.0000,

0.3089

0.0000

244.3710, 0.2932,
0.3102

■ 28.3969, 0.2732,
0.2907

■ 28.3969, 0.2732,
0.2907

■ 24.3349, 0.2566,
0.2726

■ 32.9310, 0.2894,
0.3072

■ 20.7245, 0.2401,
0.2531

■ 37.9500, 0.3050,
0.3220

■ 17.5485, 0.2240,
0.2325

■ 43.4704, 0.3198,
0.3352

■ 14.7870, 0.2090,
0.2111

■ 49.5066, 0.3337,
0.3470

■ 12.4183, 0.1957,
0.1897

■ 56.0727, 0.3466,
0.3573

■ 10.4180, 0.1845,
0.1687

■ 63.1820, 0.3585,
0.3663

■ 8.7573, 0.1759,
0.1490

■ 70.8474, 0.3695,
0.3742

■ 8.0452, 0.1722,
0.1399

■ 77.1730, 0.3722,
0.3826

■ 82.4300, 0.3692,
0.3916

Harmonies

Analogous

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



28.3969, 0.2663, 0.3030



28.3969, 0.2732, 0.2907



28.3969, 0.2905, 0.2886

Triad

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



28.3969, 0.2732, 0.2907



28.3969, 0.3561, 0.3321



28.3969, 0.3096, 0.3650

Complementary

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



28.3969, 0.2732, 0.2907



32.6758, 0.3561, 0.3645

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.



28.3969, 0.3340, 0.3726



28.3969, 0.2732, 0.2907



28.3969, 0.3614, 0.3523

Square

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



28.3969, 0.2732, 0.2907



28.3969, 0.3385, 0.3120



28.3969, 0.3532, 0.3674



28.3969, 0.2868, 0.3465

Rectangle

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



28.3969, 0.2732, 0.2907



28.3969, 0.3060, 0.2928



28.3969, 0.3532, 0.3674



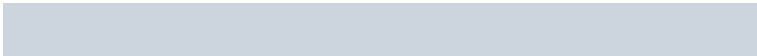
28.3969, 0.3179, 0.3689

Sweetspot

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



28.3980, 0.2732, 0.2907



65.1756, 0.3004, 0.3177



35.9703, 0.2909, 0.3596



14.2348, 0.2981, 0.3156



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.



28.3980, 0.2732, 0.2907



46.8341, 0.2643, 0.2812



23.1408, 0.2726, 0.2596



8.3177, 0.2986, 0.3160



6.1669, 0.1727, 0.1417



0.2817, 0.1895, 0.2021

Inverse Universe

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



26.2060, 0.3420, 0.3009



42.5368, 0.3503, 0.2946



39.1013, 0.3478, 0.3909



8.0719, 0.3220, 0.3190



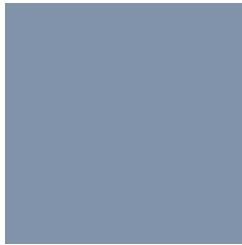
6.9256, 0.5168, 0.2621



0.2038, 0.4430, 0.2214

Previews

White Background



This preview shows how the Yxy color 28.3969, 0.2732, 0.2907 looks on a white background.

Color Contrast Check

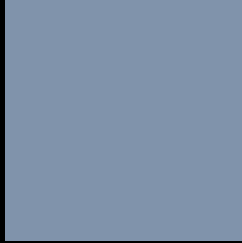
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3969, 0.2732, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

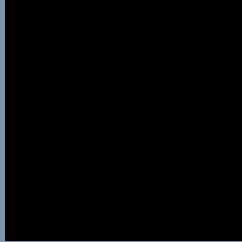
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

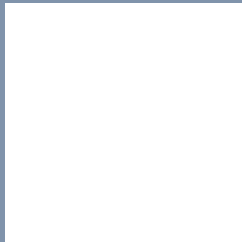
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.3969, 0.2732, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 28.3969, 0.2732, 0.2907.



This preview shows how white text looks on a background with the Yxy color 28.3969, 0.2732, 0.2907.

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

28.3969, 0.2732, 0.2907

Protanopia

28.3865, 0.2856, 0.2900

Deuteranopia

28.4356, 0.2886, 0.2832



Tritanopia

28.5037, 0.2798, 0.3093

Trichromacy



Original Color

28.3969, 0.2732, 0.2907

Protanomaly

28.3873, 0.2810, 0.2897

Deuteranomaly

28.4140, 0.2820, 0.2855

Tritanomaly

28.4084, 0.2773, 0.3014

Monochromacy



Original Color

28.3969, 0.2732, 0.2907

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.9872, 0.2970, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3969, 0.2732, 0.2907 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(128, 147, 171)` looks like.

```
.text, #text, p{  
    color:rgb(128, 147, 171)  
}
```

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(128, 147, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 147, 171) }
```

Border

The CSS property to change the border of an element to Yxy 28.3969, 0.2732, 0.2907 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(128, 147, 171) }
```

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

```
.border{ border-color:rgb(128, 147, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 147, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 147, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 147, 171);  
box-shadow:4px 4px 4px 4px rgb(128, 147,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3969, 0.2732, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 147, 171) }
```

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

```
.background{ background-color: rgb(128,  
147, 171) }
```

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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