

Converting Colors

$Y_{xy}(27.5506, 0.2994, 0.2988)$

Have a look what the booklet for
Yxy(27.5506, 0.2994, 0.2988)
contains.

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Color

Yxy(27.6988, 0.2995, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	928DA0
RGB	146, 141, 160
RGB Percent	57%, 55%, 63%
CMY	0.4274, 0.4471, 0.3725
CMYK	0.09, 0.12, 0.00, 0.37
HSL	256°, 9%, 59%
HSV	256°, 12%, 63%
XYZ	27.7266, 27.6988, 37.1508
YIQ	144.6610, -3.1190, 6.9690

Conversions

Conversions Part 2

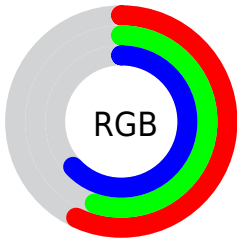
Format	Color
R _Y B	146, 141, 160
Decimal	9604512
CIE Lab	59.62, 5.68, -9.38
CIE LCh	60, 10.966, 301.174
Yxy	27.6988, 0.2995, 0.2992
Android (android.graphics.Color)	4287794592 (0xFF928DA0)
YUV	144.6610, 7.5621, 1.1743
Hunter-Lab	52.6296, 1.9362, -5.0116

Details

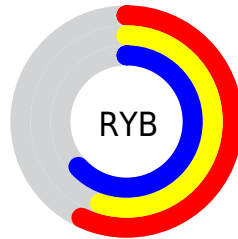
The Yxy color **27.6988, 0.2995, 0.2992** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0402, 0.3250, 0.3580**, and the grayscale version is **28.1418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2159, 0.3021, 0.3055**, and **11.0192, 0.2934, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **22.2920, 0.2866, 0.2713**, and if you desaturate by 10%, it is **33.9011, 0.3108, 0.3245**.

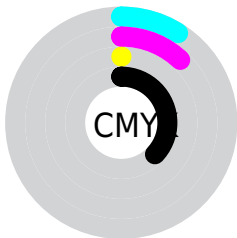
Distribution



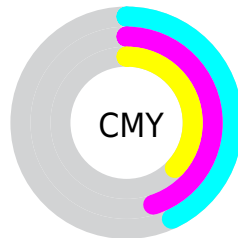
- Red (57%)
- Green (55%)
- Blue (63%)



- Red (57%)
- Yellow (55%)
- Blue (63%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)





- Cyan (43%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.6988, 0.2995, 0.2992 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 27.6988, 0.2995, 0.2992 by changing the saturation by 10% instead.


 27.6988, 0.2995,
0.2992


 27.6988, 0.2995,
0.2992


291.0249, 0.3067,
0.3152


 18.0987, 0.2974,
0.2948


 56.0032, 0.3023,
0.3053

 11.0209, 0.2947,
0.2890


 75.4763, 0.3033,
0.3075

 6.0809, 0.2906,
0.2807


 99.0093, 0.3041,
0.3093

 2.8943, 0.2843,
0.2682

126.9864, 0.3048,
0.3108

 1.0768, 0.2731,
0.2472

159.7921, 0.3054,
0.3121

 0.0000, 0.1386,
0.0000

197.8109, 0.3059,

 0.0000, 0.0000,

0.3133

0.0000

241.4270, 0.3064,
0.3143

■ 27.6988, 0.2995,
0.2992

■ 27.6988, 0.2995,
0.2992

■ 22.2920, 0.2866,
0.2713

■ 33.9011, 0.3108,
0.3245

■ 17.6447, 0.2720,
0.2411

■ 40.9260, 0.3205,
0.3472

■ 13.7234, 0.2560,
0.2094

■ 48.8036, 0.3288,
0.3673

■ 10.4906, 0.2388,
0.1773

■ 57.5613, 0.3358,
0.3850

■ 7.9054, 0.2213,
0.1463

■ 67.2256, 0.3418,
0.4006

■ 5.9226, 0.2042,
0.1184

■ 77.8214, 0.3469,
0.4143

■ 4.4906, 0.1886,
0.0955

■ 89.3731, 0.3512,
0.4263

■ 3.5491, 0.1755,
0.0789

■ 92.6347, 0.3588,
0.4253

■ 3.0345, 0.1668,
0.0693

■ 94.7681, 0.3669,
0.4226

Harmonies

Analogous

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



27.6988, 0.2852, 0.2994



27.6988, 0.2995, 0.2992



27.6988, 0.3177, 0.3064

Triad

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



27.6988, 0.2995, 0.2992



27.6988, 0.3484, 0.3493



27.6988, 0.2905, 0.3387

Complementary

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



27.6988, 0.2995, 0.2992



34.0402, 0.3250, 0.3580

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.



27.6988, 0.3070, 0.3533



27.6988, 0.2995, 0.2992



27.6988, 0.3406, 0.3591

Square

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



27.6988, 0.2995, 0.2992



27.6988, 0.3464, 0.3347



27.6988, 0.3253, 0.3608



27.6988, 0.2801, 0.3217

Rectangle

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



27.6988, 0.2995, 0.2992



27.6988, 0.3297, 0.3145



27.6988, 0.3253, 0.3608



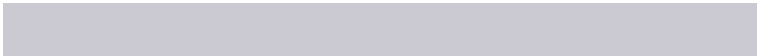
27.6988, 0.2955, 0.3441

Sweetspot

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



27.7000, 0.2995, 0.2992



58.9468, 0.3084, 0.3192



31.7318, 0.2948, 0.3215



12.7450, 0.3077, 0.3174



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.



27.7000, 0.2995, 0.2992



47.8138, 0.2966, 0.2928



28.5827, 0.3091, 0.3001



6.5156, 0.3026, 0.3062



2.3822, 0.1676, 0.0697



0.0614, 0.2079, 0.0919

Inverse Universe

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



28.8915, 0.3191, 0.3079



50.3774, 0.3205, 0.3035



33.1595, 0.3159, 0.3588



6.7247, 0.3175, 0.3127



6.8452, 0.3992, 0.1973



0.1289, 0.3622, 0.1769

Previews

White Background



This preview shows how the Yxy color 27.6988, 0.2995, 0.2992 looks on a white background.

Color Contrast Check

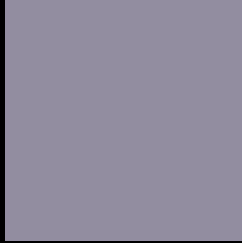
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6988, 0.2995, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

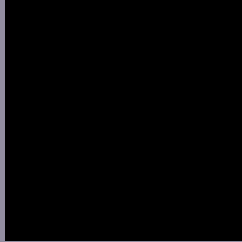
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

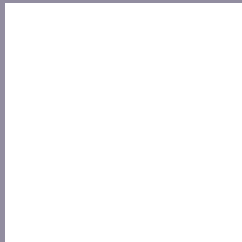
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.6988, 0.2995, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 27.6988, 0.2995, 0.2992.



This preview shows how white text looks on a background with the Yxy color 27.6988, 0.2995, 0.2992.

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

27.6988, 0.2995, 0.2992

Protanopia

27.8809, 0.2936, 0.3005

Deuteranopia

27.7783, 0.3036, 0.2980



Tritanopia

27.6657, 0.3051, 0.3115

Trichromacy



Original Color

27.6988, 0.2995, 0.2992

Protanomaly

27.7589, 0.2955, 0.2991

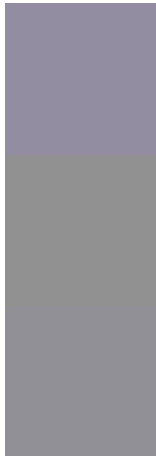
Deuteranomaly

27.6838, 0.3026, 0.2979

Tritanomaly

27.7660, 0.3023, 0.3069

Monochromacy



Original Color

27.6988, 0.2995, 0.2992

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.1683, 0.3079, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6988, 0.2995, 0.2992 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(146, 141, 160)` looks like.

```
.text, #text, p{  
    color:rgb(146, 141, 160)  
}
```

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(146, 141, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 141, 160) }
```

Border

The CSS property to change the border of an element to Yxy 27.6988, 0.2995, 0.2992 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(146, 141, 160) }
```

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

```
.border{ border-color:rgb(146, 141, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 141, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 141, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 141, 160);  
box-shadow:4px 4px 4px 4px rgb(146, 141,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6988, 0.2995, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 141, 160) }
```

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

```
.background{ background-color: rgb(146,  
141, 160) }
```

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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