

Converting Colors

$Y_{xy}(27.6597, 0.3038, 0.2740)$

Have a look what the booklet for
Yxy(27.6597, 0.3038, 0.2740)
contains.

Yxy(27.6058, 0.3036, 0.2733)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.6058, 0.3036, 0.2733)

Conversions

Conversions Part 1

Format	Color
Hex	A186AC
RGB	161, 134, 172
RGB Percent	63%, 53%, 67%
CMY	0.3687, 0.4745, 0.3255
CMYK	0.06, 0.22, 0.00, 0.33
HSL	283°, 19%, 60%
HSV	283°, 22%, 67%
XYZ	30.6664, 27.6058, 42.7370
YIQ	146.4050, 3.8940, 17.5420

Conversions

Conversions Part 2

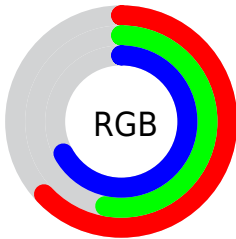
Format	Color
RYB	161, 134, 172
Decimal	10585772
CIELab	59.53, 17.37, -16.21
CIElCh	60, 23.758, 316.980
Yxy	27.6058, 0.3036, 0.2733
Android (android.graphics.Color)	4288775852 (0xFFA186AC)
YUV	146.4050, 12.6183, 12.7998
Hunter-Lab	52.5412, 12.2367, -11.4476

Details

The Yxy color **27.6058, 0.3036, 0.2733** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.2444, 0.3198, 0.3875**, and the grayscale version is **28.8654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6856, 0.3060, 0.2843**, and **10.9479, 0.2991, 0.2545** is the 20% darker color. If you saturate the color by 10%, you get **22.7251, 0.2983, 0.2465**, and if you desaturate by 10%, it is **33.2827, 0.3082, 0.2993**.

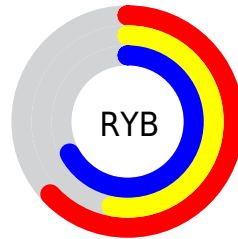
Distribution



Red (63%)

Green (53%)

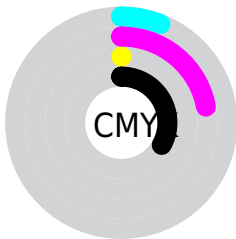
Blue (67%)



Red (63%)

Yellow (53%)

Blue (67%)

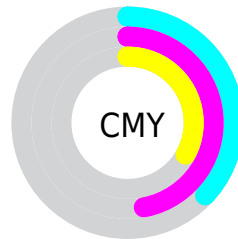


Cyan (6%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (37%)


Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6058, 0.3036, 0.2733 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 27.6058, 0.3036, 0.2733 by changing the saturation by 10% instead.


 27.6058, 0.3036,
0.2733


 27.6058, 0.3036,
0.2733


290.5785, 0.3089,
0.3024

 18.0287, 0.3020,
0.2656


 55.8545, 0.3058,
0.2842

 10.9706, 0.2997,
0.2555


 75.2948, 0.3065,
0.2882

 6.0471, 0.2962,
0.2417


 98.7918, 0.3071,
0.2915

 2.8737, 0.2906,
0.2215

126.7296, 0.3076,
0.2944

 1.0662, 0.2803,
0.1900

159.4928, 0.3080,
0.2968

 0.0000, 0.2574,
0.0000

197.4658, 0.3084,

 0.0000, 0.0000,

0.2989

0.0000

241.0329, 0.3087,
0.3008

■ 27.6058, 0.3036,
0.2733

■ 27.6058, 0.3036,
0.2733

■ 22.7251, 0.2983,
0.2465

■ 33.2827, 0.3082,
0.2993

■ 18.5995, 0.2922,
0.2197

■ 39.7874, 0.3120,
0.3241

■ 15.1896, 0.2854,
0.1939

■ 47.1538, 0.3152,
0.3471

■ 12.4507, 0.2781,
0.1702

■ 55.4132, 0.3178,
0.3684

■ 10.3333, 0.2704,
0.1497

■ 64.5949, 0.3198,
0.3878

■ 8.7807, 0.2626,
0.1333

■ 74.7273, 0.3215,
0.4055

■ 7.7254, 0.2550,
0.1215

■ 85.8373, 0.3227,
0.4214

■ 7.1271, 0.2491,
0.1146

■ 86.8956, 0.3258,
0.4210

■ 87.5969, 0.3290,
0.4201

Harmonies

Analogous

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



27.6058, 0.2681, 0.2648



27.6058, 0.3036, 0.2733



27.6058, 0.3439, 0.2944

Triad

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



27.6058, 0.3036, 0.2733



27.6058, 0.3834, 0.3841



27.6058, 0.2519, 0.3292

Complementary

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



27.6058, 0.3036, 0.2733



37.2444, 0.3198, 0.3875

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.



27.6058, 0.2799, 0.3674



27.6058, 0.3036, 0.2733



27.6058, 0.3559, 0.3994

Square

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



27.6058, 0.3036, 0.2733



27.6058, 0.3916, 0.3561



27.6058, 0.3178, 0.3942



27.6058, 0.2398, 0.2941

Rectangle

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



27.6058, 0.3036, 0.2733



27.6058, 0.3675, 0.3134



27.6058, 0.3178, 0.3942



27.6058, 0.2596, 0.3423

Sweetspot

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



27.6070, 0.3036, 0.2733



66.0455, 0.3102, 0.3118



28.4222, 0.2776, 0.2872



14.2088, 0.3099, 0.3104



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.



27.6070, 0.3036, 0.2733



46.0331, 0.3014, 0.2616



28.5174, 0.3231, 0.2854



8.0298, 0.3093, 0.3063



5.3334, 0.2498, 0.1150



0.1745, 0.2724, 0.1274

Inverse Universe

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



27.8676, 0.3441, 0.3129



46.6214, 0.3522, 0.3095



36.5121, 0.3038, 0.3769



8.0521, 0.3243, 0.3225



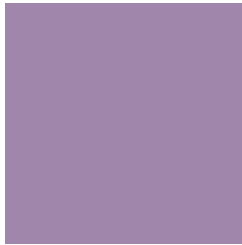
6.7056, 0.5759, 0.2946



0.1961, 0.4900, 0.2473

Previews

White Background



This preview shows how the Yxy color 27.6058, 0.3036, 0.2733 looks on a white background.

Color Contrast Check

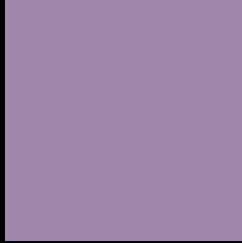
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6058, 0.3036, 0.2733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

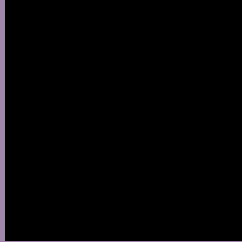
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6058, 0.3036, 0.2733

Background



This preview shows how black text looks on a background with the Yxy color 27.6058, 0.3036, 0.2733.



This preview shows how white text looks on a background with the Yxy color 27.6058, 0.3036, 0.2733.

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

27.6058, 0.3036, 0.2733

Protanopia

27.7113, 0.2731, 0.2732

Deuteranopia

27.6257, 0.2874, 0.2812



Tritanopia

27.6160, 0.3234, 0.3121

Trichromacy



Original Color

27.6058, 0.3036, 0.2733

Protanomaly

27.5291, 0.2829, 0.2726

Deuteranomaly

27.6013, 0.2933, 0.2790

Tritanomaly

27.6966, 0.3163, 0.2987

Monochromacy



Original Color

27.6058, 0.3036, 0.2733

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2919, 0.3094, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6058, 0.3036, 0.2733 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(161, 134, 172)` looks like.

```
.text, #text, p{  
    color:rgb(161, 134, 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(161, 134, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 134, 172) }
```

Border

The CSS property to change the border of an element to Yxy 27.6058, 0.3036, 0.2733 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(161, 134, 172) }
```

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

```
.border{ border-color:rgb(161, 134, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 134, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 134, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 134, 172);  
box-shadow:4px 4px 4px 4px rgb(161, 134,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6058, 0.3036, 0.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 134, 172) }
```

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

```
.background{ background-color: rgb(161,  
134, 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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