

Converting Colors

$Y_{xy}(28.5545, 0.3032, 0.2912)$

Have a look what the booklet for
Yxy(28.5545, 0.3032, 0.2912)
contains.

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Color

Yxy(28.4413, 0.3040, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	9B8CA5
RGB	155, 140, 165
RGB Percent	61%, 55%, 65%
CMY	0.3923, 0.4509, 0.3530
CMYK	0.06, 0.15, 0.00, 0.35
HSL	276°, 12%, 60%
HSV	276°, 15%, 65%
XYZ	29.6813, 28.4413, 39.5132
YIQ	147.3350, 0.9150, 10.9550

Conversions

Conversions Part 2

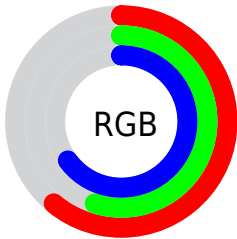
Format	Color
R_{YB}	155, 140, 165
Decimal	10194085
CIE _{Lab}	60.29, 10.41, -11.13
CIE _{LCh}	60, 15.237, 313.076
Yxy	28.4413, 0.3040, 0.2913
Android (android.graphics.Color)	4288384165 (0xFF9B8CA5)
YUV	147.3350, 8.7088, 6.7222
Hunter-Lab	53.3304, 6.0168, -6.5975

Details

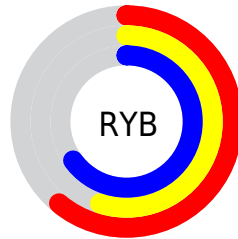
The Yxy color **28.4413, 0.3040, 0.2913** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2840, 0.3203, 0.3673**, and the grayscale version is **29.2853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4525, 0.3063, 0.2993**, and **11.4476, 0.3013, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **23.3398, 0.2970, 0.2644**, and if you desaturate by 10%, it is **34.3040, 0.3100, 0.3167**.

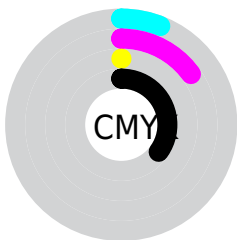
Distribution



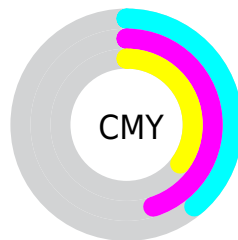
- Red (61%)
- Green (55%)
- Blue (65%)



- Red (61%)
- Yellow (55%)
- Blue (65%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)




- Cyan (39%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4413, 0.3040, 0.2913 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 28.4413, 0.3040, 0.2913 by changing the saturation by 10% instead.


 28.4413, 0.3040,
0.2913


 28.4413, 0.3040,
0.2913


294.5696, 0.3089,
0.3112


 18.6586, 0.3026,
0.2860


 57.1882, 0.3059,
0.2988

 11.4238, 0.3006,
0.2788


 76.9212, 0.3066,
0.3015

 6.3527, 0.2978,
0.2690


 100.7398, 0.3071,
0.3038

 3.0607, 0.2932,
0.2543

129.0283, 0.3076,
0.3058

 1.1635, 0.2850,
0.2303

162.1711, 0.3080,
0.3074

 0.0316, 0.2518,
0.0280

200.5527, 0.3083,

 0.0000, 0.0000,

0.3089

0.0000

244.5574, 0.3086,
0.3101

■ 28.4413, 0.3040,
0.2913

■ 28.4413, 0.3040,
0.2913

■ 23.3398, 0.2970,
0.2644

■ 34.3040, 0.3100,
0.3167

■ 18.9632, 0.2890,
0.2366

■ 40.9549, 0.3151,
0.3402

■ 15.2777, 0.2799,
0.2086

■ 48.4241, 0.3193,
0.3618

■ 12.2453, 0.2701,
0.1815

■ 56.7391, 0.3228,
0.3814

■ 9.8241, 0.2596,
0.1566

■ 65.9259, 0.3256,
0.3991

■ 7.9672, 0.2489,
0.1350

■ 76.0095, 0.3280,
0.4149

■ 6.6209, 0.2384,
0.1179

■ 86.6924, 0.3299,
0.4287

■ 5.7176, 0.2284,
0.1056

■ 87.6309, 0.3342,
0.4274

■ 5.3586, 0.2237,
0.1006

■ 88.6094, 0.3386,
0.4260

Harmonies

Analogous

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



28.4413, 0.2817, 0.2873



28.4413, 0.3040, 0.2913



28.4413, 0.3295, 0.3044

Triad

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



28.4413, 0.3040, 0.2913



28.4413, 0.3592, 0.3630



28.4413, 0.2754, 0.3329

Complementary

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



28.4413, 0.3040, 0.2913



35.2840, 0.3203, 0.3673

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.



28.4413, 0.2950, 0.3556



28.4413, 0.3040, 0.2913



28.4413, 0.3435, 0.3730

Square

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



28.4413, 0.3040, 0.2913



28.4413, 0.3621, 0.3448



28.4413, 0.3199, 0.3706



28.4413, 0.2658, 0.3100

Rectangle

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



28.4413, 0.3040, 0.2913



28.4413, 0.3448, 0.3167



28.4413, 0.3199, 0.3706



28.4413, 0.2810, 0.3409

Sweetspot

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



28.4425, 0.3040, 0.2913



61.4967, 0.3100, 0.3168



30.2393, 0.2895, 0.3063



13.2823, 0.3097, 0.3151



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.



28.4425, 0.3040, 0.2913



47.8829, 0.3019, 0.2829



29.3991, 0.3165, 0.2954



7.0598, 0.3076, 0.3064



4.0844, 0.2246, 0.1011



0.1122, 0.2604, 0.1208

Inverse Universe

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



28.9612, 0.3297, 0.3141



49.0037, 0.3339, 0.3107



34.4362, 0.3091, 0.3650



7.1308, 0.3225, 0.3200



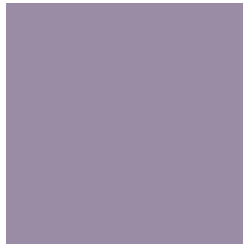
6.3600, 0.5328, 0.2709



0.1428, 0.4420, 0.2209

Previews

White Background



This preview shows how the Yxy color 28.4413, 0.3040, 0.2913 looks on a white background.

Color Contrast Check

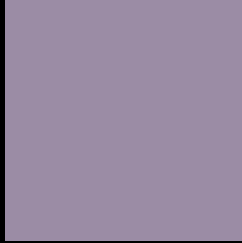
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4413, 0.3040, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

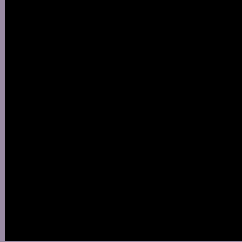
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4413, 0.3040, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 28.4413, 0.3040, 0.2913.



This preview shows how white text looks on a background with the Yxy color 28.4413, 0.3040, 0.2913.

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

28.4413, 0.3040, 0.2913

Protanopia

28.4364, 0.2874, 0.2916

Deuteranopia

28.5466, 0.2989, 0.2938



Tritanopia

28.4182, 0.3135, 0.3120

Trichromacy



Original Color

28.4413, 0.3040, 0.2913

Protanomaly

28.5459, 0.2931, 0.2920

Deuteranomaly

28.4418, 0.3009, 0.2925

Tritanomaly

28.3541, 0.3107, 0.3044

Monochromacy



Original Color

28.4413, 0.3040, 0.2913

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.7636, 0.3093, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4413, 0.3040, 0.2913 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(155, 140, 165)` looks like.

```
.text, #text, p{  
    color:rgb(155, 140, 165)  
}
```

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(155, 140, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 140, 165) }
```

Border

The CSS property to change the border of an element to Yxy 28.4413, 0.3040, 0.2913 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(155, 140, 165) }
```

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

```
.border{ border-color:rgb(155, 140, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 140, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 140, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 140, 165);  
box-shadow:4px 4px 4px 4px rgb(155, 140,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4413, 0.3040, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 140, 165) }
```

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

```
.background{ background-color: rgb(155,  
140, 165) }
```

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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