

Converting Colors

$Yxy(28.9231, 0.2640, 0.3850)$

Have a look what the booklet for
Yxy(28.9231, 0.2640, 0.3850)
contains.

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Color

$Y_{xy}(28.9231, 0.2640, 0.3850)$

Conversions

Conversions Part 1

Format	Color
Hex	49A284
RGB	73, 162, 132
RGB Percent	29%, 64%, 52%
CMY	0.7137, 0.3647, 0.4823
CMYK	0.55, 0.00, 0.19, 0.36
HSL	160°, 38%, 46%
HSV	160°, 55%, 64%
XYZ	19.8330, 28.9231, 26.3689
YIQ	131.9690, -43.4140, -28.1980

Conversions

Conversions Part 2

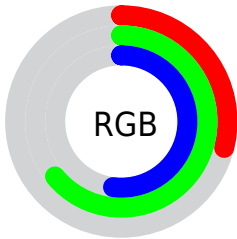
Format	Color
R_{YB}	73, 127, 162
Decimal	4825732
CIE _{Lab}	60.71, -34.10, 7.60
CIE _{LCh}	61, 34.934, 167.433
Yxy	28.9231, 0.2640, 0.3850
Android (android.graphics.Color)	4283015812 (0xFF49A284)
YUV	131.9690, 0.0153, -51.7158
Hunter-Lab	53.7802, -28.2884, 8.5758

Details

The Yxy color **28.9231, 0.2640, 0.3850** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **13.4260, 0.4150, 0.2824**, and the grayscale version is **23.0749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7177, 0.2740, 0.3724**, and **11.7764, 0.2462, 0.4062** is the 20% darker color. If you saturate the color by 10%, you get **28.2261, 0.2590, 0.3974**, and if you desaturate by 10%, it is **29.7950, 0.2706, 0.3731**.

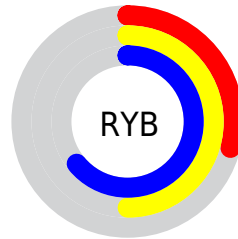
Distribution



Red (29%)

Green (64%)

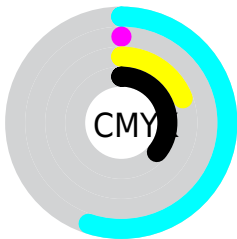
Blue (52%)



Red (29%)

Yellow (50%)

Blue (64%)

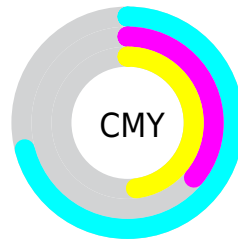


Cyan (55%)

Magenta (0%)

Yellow (19%)

Black (36%)



Cyan (71%)


Magenta (36%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9231, 0.2640, 0.3850 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 28.9231, 0.2640, 0.3850 by changing the saturation by 10% instead.

 28.9231, 0.2640,
0.3850


 28.9231, 0.2640,
0.3850


296.8520, 0.2907,
0.3538

 19.0227, 0.2565,
0.3940


 57.9549, 0.2743,
0.3728

 11.6866, 0.2462,
0.4065

 77.8550, 0.2780,
0.3685


 6.5307, 0.2315,
0.4249


 101.8572, 0.2810,
0.3650

 3.1704, 0.2085,
0.4544

 130.3457, 0.2836,
0.3620

 1.2213, 0.1296,
0.5365

 163.7051, 0.2857,
0.3595

 0.0790, 0.0000,
1.0000

202.3196, 0.2876,

 0.0000, 0.0000,

0.3573

0.0000

246.5738, 0.2892,
0.3555

■ 28.9231, 0.2640,
0.3850

■ 28.9231, 0.2640,
0.3850

■ 28.2261, 0.2590,
0.3974

■ 29.7950, 0.2706,
0.3731

■ 27.6875, 0.2559,
0.4101

■ 30.8502, 0.2785,
0.3619

■ 27.2930, 0.2547,
0.4229

■ 32.1006, 0.2875,
0.3514

■ 27.0240, 0.2554,
0.4355

■ 33.5560, 0.2973,
0.3418

■ 26.9117, 0.2561,
0.4419

■ 35.2257, 0.3075,
0.3330

■ 37.1184, 0.3181,
0.3251

■ 39.2421, 0.3287,
0.3181

■ 41.6046, 0.3392,
0.3119

■ 44.2134, 0.3494,
0.3064

Harmonies

Analogous

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



28.9231, 0.3174, 0.4258



28.9231, 0.2640, 0.3850



28.9231, 0.2259, 0.3269

Triad

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



28.9231, 0.2640, 0.3850



28.9231, 0.2496, 0.2392



28.9231, 0.4270, 0.3652

Complementary

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



28.9231, 0.2640, 0.3850



13.4260, 0.4150, 0.2824

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.



28.9231, 0.4066, 0.3207



28.9231, 0.2640, 0.3850



28.9231, 0.2995, 0.2517

Square

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



28.9231, 0.2640, 0.3850



28.9231, 0.2187, 0.2467



28.9231, 0.3580, 0.2806



28.9231, 0.4132, 0.4061

Rectangle

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



28.9231, 0.2640, 0.3850



28.9231, 0.2129, 0.2913



28.9231, 0.3580, 0.2806



28.9231, 0.4240, 0.3503

Sweetspot

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



28.9243, 0.2640, 0.3850



60.5331, 0.2959, 0.3430



29.2748, 0.3307, 0.4876



13.4753, 0.2940, 0.3448



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.



28.9243, 0.2640, 0.3850



50.9894, 0.2581, 0.4003



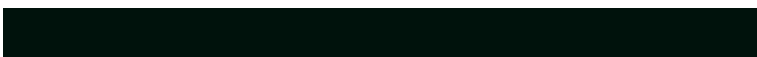
25.4103, 0.2393, 0.3046



7.9705, 0.3030, 0.3367



21.2091, 0.2558, 0.4408



0.4539, 0.2431, 0.3952

Inverse Universe

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



13.4260, 0.4150, 0.2824



19.9077, 0.4529, 0.2758



14.8745, 0.4581, 0.3501



7.1235, 0.3234, 0.3214



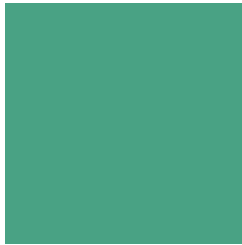
6.2732, 0.5579, 0.2847



0.1403, 0.4621, 0.2319

Previews

White Background



This preview shows how the Yxy color 28.9231, 0.2640, 0.3850 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 28.9231, 0.2640, 0.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

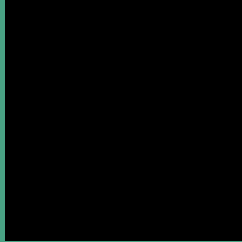
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9231, 0.2640, 0.3850

Background



This preview shows how black text looks on a background with the Yxy color 28.9231, 0.2640, 0.3850.



This preview shows how white text looks on a background with the Yxy color 28.9231, 0.2640, 0.3850.

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

28.9231, 0.2640, 0.3850

Protanopia

28.4532, 0.3436, 0.3643

Deuteranopia

28.6424, 0.3411, 0.3352



Tritanopia

28.9475, 0.2442, 0.3066

Trichromacy



Original Color

28.9231, 0.2640, 0.3850

Protanomaly

27.9247, 0.3087, 0.3724

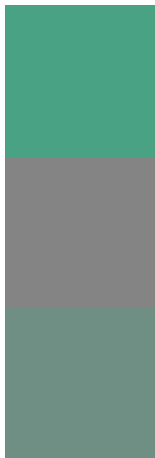
Deuteranomaly

27.9900, 0.3065, 0.3527

Tritanomaly

28.9459, 0.2516, 0.3341

Monochromacy



Original Color

28.9231, 0.2640, 0.3850

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.6904, 0.2904, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9231, 0.2640, 0.3850 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(73, 162, 132)` looks like.

```
.text, #text, p{  
  color:rgb(73, 162, 132)  
}
```

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(73, 162, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 162, 132) }
```

Border

The CSS property to change the border of an element to Yxy 28.9231, 0.2640, 0.3850 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(73, 162, 132) }
```

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

```
.border{ border-color:rgb(73, 162, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 162, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 162, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 162, 132);  
box-shadow:4px 4px 4px 4px rgb(73, 162,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9231, 0.2640, 0.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 162, 132) }
```

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

```
.background{ background-color: rgb(73, 162,  
132) }
```

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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