

Converting Colors

$Yxy(29.3853, 0.2734, 0.3743)$

Have a look what the booklet for
Yxy(29.3853, 0.2734, 0.3743)
contains.

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Color

Yxy(29.5426, 0.2734, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	5CA188
RGB	92, 161, 136
RGB Percent	36%, 63%, 53%
CMY	0.6395, 0.3686, 0.4667
CMYK	0.43, 0.00, 0.16, 0.37
HSL	158°, 27%, 50%
HSV	158°, 43%, 63%
XYZ	21.5961, 29.5426, 27.8522
YIQ	137.5190, -33.0990, -22.4030

Conversions

Conversions Part 2

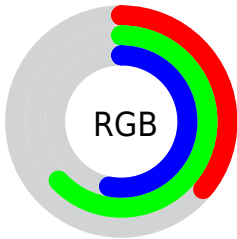
Format	Color
R_{YB}	92, 134, 161
Decimal	6070664
CIE _{Lab}	61.26, -27.90, 6.24
CIE _{LCh}	61, 28.592, 167.386
Yxy	29.5426, 0.2734, 0.3740
Android (android.graphics.Color)	4284260744 (0xFF5CA188)
YUV	137.5190, -0.7489, -39.9202
Hunter-Lab	54.3531, -24.1945, 7.6652

Details

The Yxy color **29.5426, 0.2734, 0.3740** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.5033, 0.3806, 0.2891**, and the grayscale version is **25.2293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8056, 0.2815, 0.3645**, and **12.0405, 0.2598, 0.3918** is the 20% darker color. If you saturate the color by 10%, you get **28.6403, 0.2667, 0.3867**, and if you desaturate by 10%, it is **30.6325, 0.2813, 0.3620**.

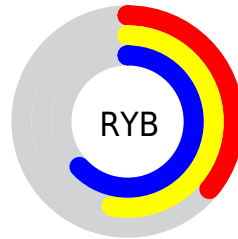
Distribution



Red (36%)

Green (63%)

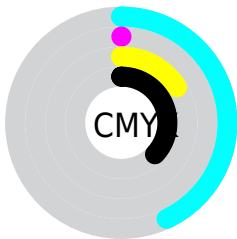
Blue (53%)



Red (36%)

Yellow (53%)

Blue (63%)

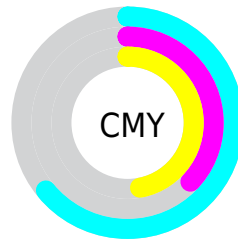


Cyan (43%)

Magenta (0%)

Yellow (16%)

Black (37%)



Cyan (64%)


Magenta (37%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5426, 0.2734, 0.3740 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 29.5426, 0.2734, 0.3740 by changing the saturation by 10% instead.


 29.5426, 0.2734,
0.3740


 29.5426, 0.2734,
0.3740


299.7666, 0.2948,
0.3492

 19.4917, 0.2674,
0.3811


 58.9381, 0.2816,
0.3643


 12.0261, 0.2592,
0.3909


 79.0514, 0.2846,
0.3609

 6.7614, 0.2475,
0.4052


 103.2877, 0.2870,
0.3581

 3.3134, 0.2294,
0.4278

 132.0312, 0.2891,
0.3557

 1.2974, 0.1850,
0.4768

165.6665, 0.2908,
0.3537

 0.1392, 0.0000,
1.0000

204.5779, 0.2923,

 0.0000, 0.0000,

0.3520

0.0000

249.1498, 0.2937,
0.3505

■ 29.5426, 0.2734,
0.3740

■ 29.5426, 0.2734,
0.3740

■ 28.6403, 0.2667,
0.3867

■ 30.6325, 0.2813,
0.3620

■ 27.9105, 0.2616,
0.4001

■ 31.9169, 0.2902,
0.3509

■ 27.3419, 0.2583,
0.4138


■ 33.4065, 0.2998,
0.3407


■ 26.9198, 0.2569,
0.4276

■ 35.1104, 0.3098,
0.3315

■ 26.6270, 0.2574,
0.4412


■ 37.0369, 0.3200,
0.3232

 26.4681, 0.2586,
0.4508

 39.1941, 0.3302,
0.3159

 41.5895, 0.3402,
0.3093

 44.2303, 0.3501,
0.3036

 47.1235, 0.3596,
0.2986

Harmonies

Analogous

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



29.5426, 0.3175, 0.4063



29.5426, 0.2734, 0.3740



29.5426, 0.2413, 0.3281

Triad

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



29.5426, 0.2734, 0.3740



29.5426, 0.2610, 0.2545



29.5426, 0.4056, 0.3602

Complementary

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



29.5426, 0.2734, 0.3740



16.5033, 0.3806, 0.2891

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.



29.5426, 0.3888, 0.3230



29.5426, 0.2734, 0.3740



29.5426, 0.3023, 0.2647

Square

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



29.5426, 0.2734, 0.3740



29.5426, 0.2348, 0.2615



29.5426, 0.3498, 0.2891



29.5426, 0.3952, 0.3933

Rectangle

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



29.5426, 0.2734, 0.3740



29.5426, 0.2301, 0.2993



29.5426, 0.3498, 0.2891



29.5426, 0.4030, 0.3479

Sweetspot

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



29.5438, 0.2734, 0.3740



59.7203, 0.2994, 0.3411



30.0663, 0.3297, 0.4497



12.9689, 0.2974, 0.3431



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.



29.5438, 0.2734, 0.3740



51.4219, 0.2673, 0.3855



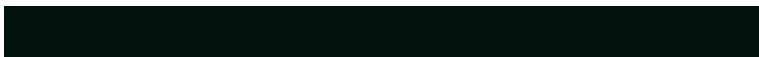
27.2379, 0.2530, 0.3127



7.9675, 0.3034, 0.3373



21.1430, 0.2583, 0.4497



0.4528, 0.2446, 0.4005

Inverse Universe

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



16.5033, 0.3806, 0.2891



25.0888, 0.4028, 0.2813



17.6842, 0.4145, 0.3442



7.1264, 0.3231, 0.3209



6.3054, 0.5482, 0.2794



0.1413, 0.4539, 0.2274

Previews

White Background



This preview shows how the Yxy color 29.5426, 0.2734, 0.3740 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 29.5426, 0.2734, 0.3740 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 29.5426, 0.2734, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 29.5426, 0.2734, 0.3740.

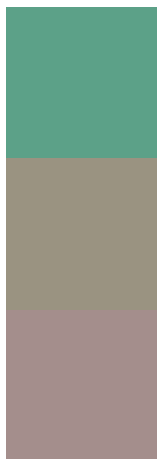


This preview shows how white text looks on a background with the Yxy color 29.5426, 0.2734, 0.3740.

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

29.5426, 0.2734, 0.3740

Protanopia

29.3224, 0.3380, 0.3575

Deuteranopia

29.1320, 0.3388, 0.3321



Tritanopia

29.3508, 0.2543, 0.3071

Trichromacy



Original Color

29.5426, 0.2734, 0.3740

Protanomaly

28.9477, 0.3101, 0.3627

Deuteranomaly

28.7622, 0.3109, 0.3454

Tritanomaly

29.4294, 0.2611, 0.3306

Monochromacy



Original Color

29.5426, 0.2734, 0.3740

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.4289, 0.2958, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5426, 0.2734, 0.3740 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(92, 161, 136)` looks like.

```
.text, #text, p{  
    color:rgb(92, 161, 136)  
}
```

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(92, 161, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 161, 136) }
```

Border

The CSS property to change the border of an element to Yxy 29.5426, 0.2734, 0.3740 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(92, 161, 136) }
```

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

```
.border{ border-color:rgb(92, 161, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 161, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 161, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 161, 136);  
box-shadow:4px 4px 4px 4px rgb(92, 161,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5426, 0.2734, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 161, 136) }
```

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

```
.background{ background-color: rgb(92, 161,  
136) }
```

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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