

Converting Colors

$Yxy(32.8796, 0.2811, 0.4056)$

Have a look what the booklet for
Yxy(32.8796, 0.2811, 0.4056)
contains.

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Color

Yxy(32.9596, 0.2810, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	5CAB80
RGB	92, 171, 128
RGB Percent	36%, 67%, 50%
CMY	0.6391, 0.3294, 0.4981
CMYK	0.46, 0.00, 0.25, 0.33
HSL	147°, 32%, 52%
HSV	147°, 46%, 67%
XYZ	22.8739, 32.9596, 25.5683
YIQ	142.4770, -33.2810, -30.1210

Conversions

Conversions Part 2

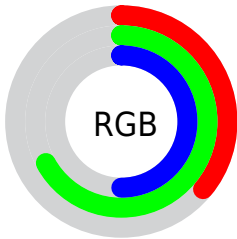
Format	Color
RYB	92, 146, 171
Decimal	6073216
CIELab	64.13, -34.37, 14.76
CIELCh	64, 37.409, 156.757
Yxy	32.9596, 0.2810, 0.4049
Android (android.graphics.Color)	4284263296 (0xFF5CAB80)
YUV	142.4770, -7.1372, -44.2683
Hunter-Lab	57.4105, -29.3489, 13.7819

Details

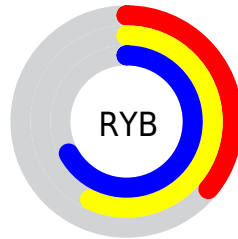
The Yxy color **32.9596, 0.2810, 0.4049** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.0698, 0.3667, 0.2650**, and the grayscale version is **27.2910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3854, 0.2877, 0.3886**, and **13.9147, 0.2688, 0.4322** is the 20% darker color. If you saturate the color by 10%, you get **31.9429, 0.2764, 0.4252**, and if you desaturate by 10%, it is **34.2003, 0.2867, 0.3857**.

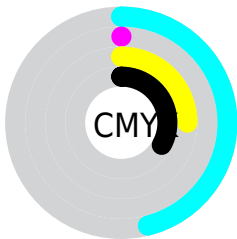
Distribution



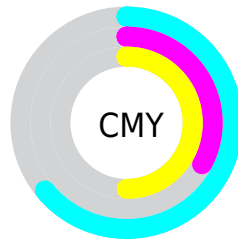
- Red (36%)
- Green (67%)
- Blue (50%)



- Red (36%)
- Yellow (57%)
- Blue (67%)



- Cyan (46%)
- Magenta (0%)
- Yellow (25%)
- Black (33%)




- Cyan (64%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9596, 0.2810, 0.4049 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 32.9596, 0.2810, 0.4049 by changing the saturation by 10% instead.


 32.9596, 0.2810,
0.4049

 32.9596, 0.2810,
0.4049


315.4677, 0.2987,
0.3629


 22.0955, 0.2759,
0.4169


 64.3124, 0.2879,
0.3885


 13.9271, 0.2689,
0.4335


 85.5700, 0.2903,
0.3827

 8.0700, 0.2586,
0.4575


 111.0608, 0.2924,
0.3780

 4.1398, 0.2422,
0.4953

 141.1693, 0.2940,
0.3740

 1.7520, 0.2109,
0.5706

176.2798, 0.2955,
0.3706

 0.4570, 0.0000,
1.0000

216.7768, 0.2967,

 0.0000, 0.0000,

0.3677

0.0000

263.0446, 0.2977,
0.3651

■ 32.9596, 0.2810,
0.4049

■ 32.9596, 0.2810,
0.4049

■ 31.9429, 0.2764,
0.4252

■ 34.2003, 0.2867,
0.3857

■ 31.1320, 0.2734,
0.4462

■ 35.6739, 0.2934,
0.3680

■ 30.5124, 0.2721,
0.4673

■ 37.3935, 0.3005,
0.3518


■ 30.0659, 0.2727,
0.4879

■ 39.3702, 0.3080,
0.3372


■ 29.7679, 0.2752,
0.5074

■ 41.6143, 0.3156,
0.3242

 29.6734, 0.2763,
0.5146

 44.1355, 0.3232,
0.3127

 46.9431, 0.3305,
0.3026

 50.0460, 0.3377,
0.2937

 53.4526, 0.3445,
0.2859

Harmonies

Analogous

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



32.9596, 0.3380, 0.4347



32.9596, 0.2810, 0.4049



32.9596, 0.2352, 0.3482

Triad

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



32.9596, 0.2810, 0.4049



32.9596, 0.2344, 0.2374



32.9596, 0.4265, 0.3496

Complementary

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



32.9596, 0.2810, 0.4049



18.0698, 0.3667, 0.2650

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.



32.9596, 0.3938, 0.3049



32.9596, 0.2810, 0.4049



32.9596, 0.2792, 0.2433

Square

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



32.9596, 0.2810, 0.4049



32.9596, 0.2108, 0.2529



32.9596, 0.3378, 0.2674



32.9596, 0.4244, 0.3938

Rectangle

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



32.9596, 0.2810, 0.4049



32.9596, 0.2163, 0.3088



32.9596, 0.3378, 0.2674



32.9596, 0.4192, 0.3343

Sweetspot

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



32.9609, 0.2810, 0.4049



67.6164, 0.3020, 0.3489



35.0890, 0.3443, 0.4548



14.9217, 0.3004, 0.3521



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.



32.9609, 0.2810, 0.4049



57.2414, 0.2765, 0.4248



34.1951, 0.2546, 0.3353



8.9977, 0.3057, 0.3416



22.3797, 0.2758, 0.5128



0.6337, 0.2591, 0.4528

Inverse Universe

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



18.0698, 0.3667, 0.2650



27.3531, 0.3838, 0.2528



17.1630, 0.4284, 0.3234



8.0856, 0.3204, 0.3167



7.1357, 0.4739, 0.2384



0.2094, 0.4161, 0.2066

Previews

White Background



This preview shows how the Yxy color 32.9596, 0.2810, 0.4049 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.9596, 0.2810, 0.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

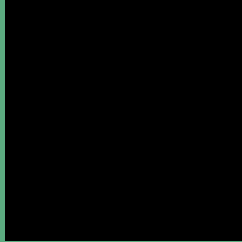
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9596, 0.2810, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 32.9596, 0.2810, 0.4049.



This preview shows how white text looks on a background with the Yxy color 32.9596, 0.2810, 0.4049.

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

32.9596, 0.2810, 0.4049

Protanopia

32.4666, 0.3569, 0.3803

Deuteranopia

32.5355, 0.3585, 0.3522



Tritanopia

32.7083, 0.2531, 0.3064

Trichromacy



Original Color

32.9596, 0.2810, 0.4049

Protanomaly

31.9749, 0.3243, 0.3894

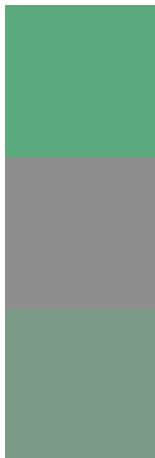
Deuteranomaly

31.8636, 0.3256, 0.3704

Tritanomaly

32.8848, 0.2632, 0.3405

Monochromacy



Original Color

32.9596, 0.2810, 0.4049

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

28.8737, 0.2988, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9596, 0.2810, 0.4049 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, 171, 128)` looks like.

```
.text, #text, p{  
    color:rgb(92, 171, 128)  
}
```

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, 171, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 171, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.9596, 0.2810, 0.4049 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, 171, 128) }
```

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

```
.border{ border-color:rgb(92, 171, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 171, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 171, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 171, 128);  
box-shadow:4px 4px 4px 4px rgb(92, 171,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9596, 0.2810, 0.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 171, 128) }
```

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

```
.background{ background-color: rgb(92, 171,  
128) }
```

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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