

Converting Colors

$Yxy(32.0909, 0.2631, 0.3857)$

Have a look what the booklet for
Yxy(32.0909, 0.2631, 0.3857)
contains.

Yxy(32.0803, 0.2633, 0.3864)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.0803, 0.2633, 0.3864)

Conversions

Conversions Part 1

Format	Color
Hex	4BAA8A
RGB	75, 170, 138
RGB Percent	29%, 67%, 54%
CMY	0.7061, 0.3333, 0.4588
CMYK	0.56, 0.00, 0.19, 0.33
HSL	160°, 39%, 48%
HSV	160°, 56%, 67%
XYZ	21.8601, 32.0803, 29.0831
YIQ	137.9470, -46.3480, -30.0920

Conversions

Conversions Part 2

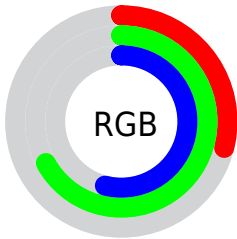
Format	Color
RYB	75, 132, 170
Decimal	4958858
CIELab	63.41, -35.94, 8.11
CIELCh	63, 36.842, 167.283
Yxy	32.0803, 0.2633, 0.3864
Android (android.graphics.Color)	4283148938 (0xFF4BAA8A)
YUV	137.9470, 0.0261, -55.2045
Hunter-Lab	56.6395, -30.2267, 9.2035

Details

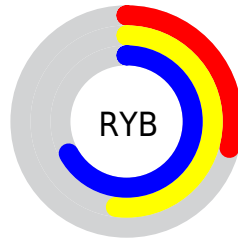
The Yxy color **32.0803, 0.2633, 0.3864** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.6321, 0.4185, 0.2817**, and the grayscale version is **25.4025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9796, 0.2736, 0.3750**, and **13.4272, 0.2465, 0.4076** is the 20% darker color. If you saturate the color by 10%, you get **31.3243, 0.2585, 0.3989**, and if you desaturate by 10%, it is **33.0307, 0.2697, 0.3744**.

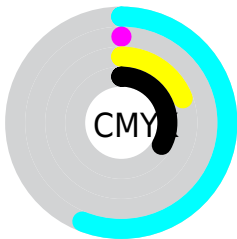
Distribution



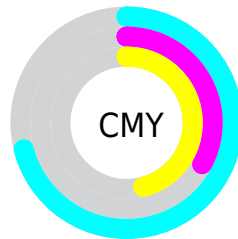
- Red (29%)
- Green (67%)
- Blue (54%)



- Red (29%)
- Yellow (52%)
- Blue (67%)



- Cyan (56%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)





- Cyan (71%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0803, 0.2633, 0.3864 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 32.0803, 0.2633, 0.3864 by changing the saturation by 10% instead.


 32.0803, 0.2633,
0.3864


 32.0803, 0.2633,
0.3864


311.4849, 0.2899,
0.3549


 21.4228, 0.2560,
0.3953


 62.9370, 0.2735,
0.3742


 13.4334, 0.2461,
0.4075


 83.9049, 0.2771,
0.3699


 7.7277, 0.2321,
0.4251


 109.0785, 0.2802,
0.3663

 3.9212, 0.2108,
0.4526

 138.8422, 0.2828,
0.3633

 1.6296, 0.1660,
0.5069

 173.5802, 0.2849,
0.3607

 0.3774, 0.0000,
1.0000

213.6771, 0.2868,

 0.0000, 0.0000,

0.3585

0.0000

259.5172, 0.2885,
0.3566

■ 32.0803, 0.2633,
0.3864

■ 32.0803, 0.2633,
0.3864

■ 31.3243, 0.2585,
0.3989

■ 33.0307, 0.2697,
0.3744

■ 30.7439, 0.2556,
0.4116

■ 34.1851, 0.2776,
0.3630

■ 30.3227, 0.2546,
0.4244

■ 35.5570, 0.2865,
0.3524

■ 30.0380, 0.2556,
0.4371

■ 37.1576, 0.2962,
0.3427

■ 29.9400, 0.2562,
0.4422

■ 38.9974, 0.3065,
0.3338

■ 41.0861, 0.3170,
0.3258

■ 43.4330, 0.3277,
0.3187

■ 46.0469, 0.3382,
0.3124

■ 48.9360, 0.3486,
0.3068

Harmonies

Analogous

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



32.0803, 0.3176, 0.4279



32.0803, 0.2633, 0.3864



32.0803, 0.2245, 0.3270

Triad

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



32.0803, 0.2633, 0.3864



32.0803, 0.2483, 0.2377



32.0803, 0.4291, 0.3654

Complementary

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



32.0803, 0.2633, 0.3864



14.6321, 0.4185, 0.2817

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.



32.0803, 0.4082, 0.3202



32.0803, 0.2633, 0.3864



32.0803, 0.2990, 0.2503

Square

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



32.0803, 0.2633, 0.3864



32.0803, 0.2170, 0.2454



32.0803, 0.3586, 0.2796



32.0803, 0.4151, 0.4071

Rectangle

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



32.0803, 0.2633, 0.3864



32.0803, 0.2113, 0.2908



32.0803, 0.3586, 0.2796



32.0803, 0.4260, 0.3503

Sweetspot

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



32.0816, 0.2633, 0.3864



66.9809, 0.2948, 0.3440



32.4621, 0.3308, 0.4913



14.8068, 0.2929, 0.3458



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.



32.0816, 0.2633, 0.3864



56.5584, 0.2577, 0.4018



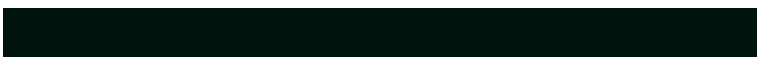
28.0892, 0.2381, 0.3040



8.4885, 0.3030, 0.3367



22.0321, 0.2558, 0.4409



0.5450, 0.2442, 0.3993

Inverse Universe

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



14.6321, 0.4185, 0.2817



21.7354, 0.4570, 0.2754



16.2329, 0.4628, 0.3505



7.5824, 0.3235, 0.3214



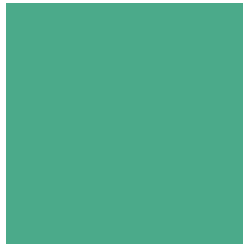
6.5152, 0.5584, 0.2850



0.1680, 0.4680, 0.2352

Previews

White Background



This preview shows how the Yxy color 32.0803, 0.2633, 0.3864 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 32.0803, 0.2633, 0.3864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

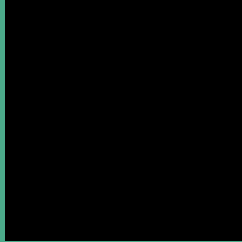
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0803, 0.2633, 0.3864

Background



This preview shows how black text looks on a background with the Yxy color 32.0803, 0.2633, 0.3864.



This preview shows how white text looks on a background with the Yxy color 32.0803, 0.2633, 0.3864.

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

32.0803, 0.2633, 0.3864

Protanopia

31.6185, 0.3443, 0.3643

Deuteranopia

31.5085, 0.3422, 0.3350



Tritanopia

32.1993, 0.2437, 0.3075

Trichromacy



Original Color

32.0803, 0.2633, 0.3864



Protanomaly

31.2080, 0.3087, 0.3739



Deuteranomaly

30.6000, 0.3068, 0.3518



Tritanomaly

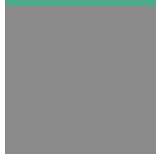
32.1208, 0.2507, 0.3356

Monochromacy



Original Color

32.0803, 0.2633, 0.3864



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

27.2925, 0.2894, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0803, 0.2633, 0.3864 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(75, 170, 138)` looks like.

```
.text, #text, p{  
    color:rgb(75, 170, 138)  
}
```

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(75, 170, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 170, 138) }
```

Border

The CSS property to change the border of an element to Yxy 32.0803, 0.2633, 0.3864 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(75, 170, 138) }
```

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

```
.border{ border-color:rgb(75, 170, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 170, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 170, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 170, 138);  
box-shadow:4px 4px 4px 4px rgb(75, 170,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0803, 0.2633, 0.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 170, 138) }
```

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

```
.background{ background-color: rgb(75, 170,  
138) }
```

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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