

Converting Colors

$Yxy(25.4991, 0.2337, 0.3612)$

Have a look what the booklet for
Yxy(25.4991, 0.2337, 0.3612)
contains.

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Color

$\text{Yxy}(25.6410, 0.2341, 0.3627)$

Conversions

Conversions Part 1

Format	Color
Hex	009C8B
RGB	0, 156, 139
RGB Percent	0%, 61%, 55%
CMY	0.9996, 0.3882, 0.4549
CMYK	1.00, 0.00, 0.11, 0.39
HSL	173°, 100%, 31%
HSV	173°, 100%, 61%
XYZ	16.5497, 25.6410, 28.5041
YIQ	107.4180, -87.5190, -38.3590

Conversions

Conversions Part 2

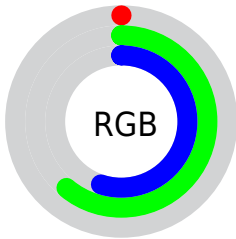
Format	Color
RYB	0, 82, 156
Decimal	40075
CIELab	57.69, -38.45, -0.88
CIELCh	58, 38.457, 181.314
Yxy	25.6410, 0.2341, 0.3627
Android (android.graphics.Color)	4278230155 (0xFF009C8B)
YUV	107.4180, 15.5699, -94.2056
Hunter-Lab	50.6369, -30.2756, 2.0708

Details

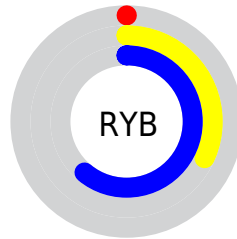
The Yxy color **25.6410, 0.2341, 0.3627** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.1111, 0.6249, 0.3217**, and the grayscale version is **14.8088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5680, 0.2508, 0.3560**, and **10.6219, 0.2368, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **25.6409, 0.2341, 0.3627**, and if you desaturate by 10%, it is **25.7990, 0.2350, 0.3590**.

Distribution



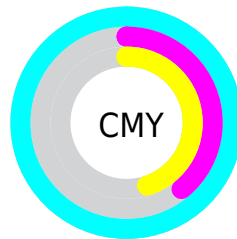
- Red (0%)
- Green (61%)
- Blue (55%)



- Red (0%)
- Yellow (32%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (39%)




- Cyan (100%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6410, 0.2341, 0.3627 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 25.6410, 0.2341, 0.3627 by changing the saturation by 10% instead.


 25.6410, 0.2341,
0.3627


 25.6410, 0.2341,
0.3627


281.0153, 0.2768,
0.3445


 16.5553, 0.2223,
0.3677


 52.6952, 0.2505,
0.3558


 9.9179, 0.2063,
0.3743


 71.4325, 0.2564,
0.3533

 5.3446, 0.1838,
0.3836

 94.1557, 0.2612,
0.3512

 2.4508, 0.1501,
0.3973

 121.2493, 0.2653,
0.3494

 0.8519, 0.0000,
0.4626

 153.0977, 0.2688,
0.3479

 0.0000, 0.0000,
0.0000

 190.0852, 0.2719,

0.3467

232.5963, 0.2745,
0.3455

■ 25.6410, 0.2341,
0.3627

■ 25.6410, 0.2341,
0.3627

■ 25.6409, 0.2341,
0.3627

■ 25.7990, 0.2350,
0.3590

■ 26.0384, 0.2371,
0.3553

■ 26.3961, 0.2411,
0.3516

■ 26.8871, 0.2469,
0.3480

■ 27.5239, 0.2546,
0.3444

■ 28.3180, 0.2638,
0.3409

■ 29.2793, 0.2746,
0.3376

■ 30.4172, 0.2865,
0.3345

■ 31.7403, 0.2993,
0.3316

Harmonies

Analogous

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



25.6410, 0.2877, 0.4240



25.6410, 0.2341, 0.3627



25.6410, 0.2031, 0.2965

Triad

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



25.6410, 0.2341, 0.3627



25.6410, 0.2647, 0.2319



25.6410, 0.4403, 0.3910

Complementary

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



25.6410, 0.2341, 0.3627



7.1111, 0.6249, 0.3217

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.



25.6410, 0.4360, 0.3415



25.6410, 0.2341, 0.3627



25.6410, 0.3280, 0.2550

Square

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



25.6410, 0.2341, 0.3627



25.6410, 0.2196, 0.2291



25.6410, 0.3932, 0.2937



25.6410, 0.4077, 0.4325

Rectangle

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



25.6410, 0.2341, 0.3627



25.6410, 0.1971, 0.2626



25.6410, 0.3932, 0.2937



25.6410, 0.4434, 0.3748

Sweetspot

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



25.6420, 0.2341, 0.3627



53.0538, 0.2738, 0.3378



23.9088, 0.3034, 0.5973



11.5179, 0.2695, 0.3391



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.6420, 0.2341, 0.3627



46.5532, 0.2343, 0.3634



10.8109, 0.1890, 0.2001



7.4970, 0.3002, 0.3314



21.1233, 0.2340, 0.3625



0.3809, 0.2299, 0.3477

Inverse Universe

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



7.1111, 0.6249, 0.3217



12.8962, 0.6280, 0.3233



10.2860, 0.5719, 0.3840



6.6573, 0.3268, 0.3266



5.8579, 0.6239, 0.3211



0.1078, 0.5608, 0.2863

Previews

White Background



This preview shows how the Yxy color 25.6410, 0.2341, 0.3627 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 25.6410, 0.2341, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

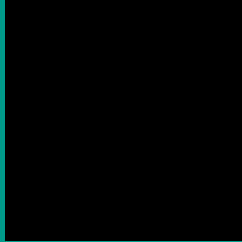
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6410, 0.2341, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 25.6410, 0.2341, 0.3627.

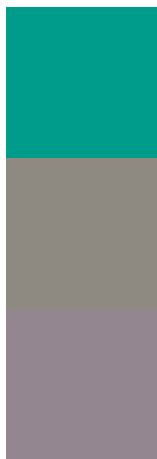


This preview shows how white text looks on a background with the Yxy color 25.6410, 0.2341, 0.3627.

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

25.6410, 0.2341, 0.3627

Protanopia

25.2271, 0.3267, 0.3425

Deuteranopia

25.3597, 0.3180, 0.3129



Tritanopia

25.6242, 0.2248, 0.3048

Trichromacy



Original Color

25.6410, 0.2341, 0.3627



Protanomaly

23.8136, 0.2707, 0.3499



Deuteranomaly

23.6787, 0.2663, 0.3289



Tritanomaly

25.3894, 0.2264, 0.3230

Monochromacy



Original Color

25.6410, 0.2341, 0.3627



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

17.2281, 0.2591, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6410, 0.2341, 0.3627 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(0, 156, 139)` looks like.

```
.text, #text, p{  
  color:rgb(0, 156, 139)  
}
```

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(0, 156, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 139) }
```

Border

The CSS property to change the border of an element to Yxy 25.6410, 0.2341, 0.3627 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(0, 156, 139) }
```

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

```
.border{ border-color:rgb(0, 156, 139) }
```

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

Here you see how a box with a 4 pixel rgb(0, 156, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6410, 0.2341, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 139) }
```

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

```
.background{ background-color: rgb(0, 156,  
139) }
```

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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