

Converting Colors

$Yxy(24.2327, 0.2445, 0.3954)$

Have a look what the booklet for
Yxy(24.2327, 0.2445, 0.3954)
contains.

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Color

Yxy(24.2275, 0.2447, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	0A9979
RGB	10, 153, 121
RGB Percent	4%, 60%, 47%
CMY	0.9605, 0.4000, 0.5256
CMYK	0.93, 0.00, 0.21, 0.40
HSL	167°, 88%, 32%
HSV	167°, 93%, 60%
XYZ	14.9671, 24.2275, 21.9705
YIQ	106.5950, -74.9560, -40.2680

Conversions

Conversions Part 2

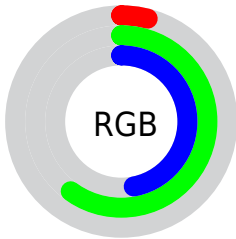
Format	Color
RYB	10, 91, 153
Decimal	694649
CIELab	56.31, -41.70, 7.37
CIELCh	56, 42.345, 169.971
Yxy	24.2275, 0.2447, 0.3961
Android (android.graphics.Color)	4278884729 (0xFF0A9979)
YUV	106.5950, 7.1017, -84.7138
Hunter-Lab	49.2214, -31.8598, 7.9903

Details

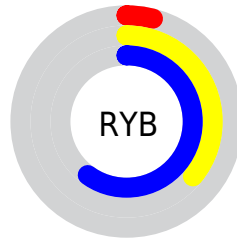
The Yxy color **24.2275, 0.2447, 0.3961** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7.1588, 0.5770, 0.3023**, and the grayscale version is **14.5859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3025, 0.2599, 0.3809**, and **9.7752, 0.2498, 0.4194** is the 20% darker color. If you saturate the color by 10%, you get **24.1089, 0.2448, 0.4014**, and if you desaturate by 10%, it is **24.4604, 0.2453, 0.3880**.

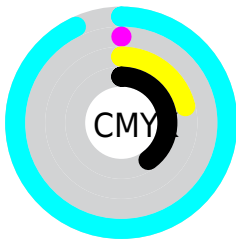
Distribution



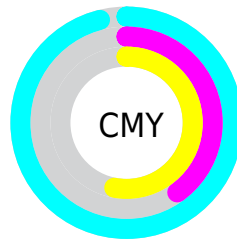
- Red (4%)
- Green (60%)
- Blue (47%)



- Red (4%)
- Yellow (36%)
- Blue (60%)



- Cyan (93%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)





- Cyan (96%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2275, 0.2447, 0.3961 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 24.2275, 0.2447, 0.3961 by changing the saturation by 10% instead.


 24.2275, 0.2447,
0.3961


 24.2275, 0.2447,
0.3961


273.9686, 0.2828,
0.3577


 15.5025, 0.2336,
0.4077


 50.4012, 0.2596,
0.3808

 9.1728, 0.2183,
0.4241


 68.6186, 0.2649,
0.3755

 4.8541, 0.1959,
0.4490

 90.7690, 0.2692,
0.3711

 2.1619, 0.1589,
0.4915

 117.2367, 0.2728,
0.3675

 0.6991, 0.0000,
0.7400

 148.4061, 0.2759,
0.3645

 0.0000, 0.0000,
0.0000

 184.6617, 0.2785,

0.3619

226.3877, 0.2808,
0.3597

■ 24.2275, 0.2447,
0.3961

■ 24.2275, 0.2447,
0.3961

■ 24.1089, 0.2448,
0.4014

■ 24.4604, 0.2453,
0.3880

■ 24.8022, 0.2478,
0.3799

■ 25.2690, 0.2522,
0.3719

■ 25.8736, 0.2584,
0.3641

■ 26.6272, 0.2661,
0.3565

■ 27.5397, 0.2753,
0.3494

■ 28.6203, 0.2857,
0.3427

■ 29.8773, 0.2968,
0.3365

■ 31.3188, 0.3086,
0.3308

Harmonies

Analogous

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



24.2275, 0.3103, 0.4538



24.2275, 0.2447, 0.3961



24.2275, 0.2006, 0.3180

Triad

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



24.2275, 0.2447, 0.3961



24.2275, 0.2373, 0.2179



24.2275, 0.4589, 0.3755

Complementary

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



24.2275, 0.2447, 0.3961



7.1588, 0.5770, 0.3023

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.



24.2275, 0.4375, 0.3210



24.2275, 0.2447, 0.3961



24.2275, 0.3010, 0.2354

Square

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



24.2275, 0.2447, 0.3961



24.2275, 0.1978, 0.2236



24.2275, 0.3765, 0.2718



24.2275, 0.4356, 0.4273

Rectangle

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



24.2275, 0.2447, 0.3961



24.2275, 0.1872, 0.2738



24.2275, 0.3765, 0.2718



24.2275, 0.4570, 0.3572

Sweetspot

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



24.2284, 0.2447, 0.3961



50.2223, 0.2802, 0.3460



23.3281, 0.3121, 0.5843



10.9254, 0.2762, 0.3487



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.2284, 0.2447, 0.3961



43.1454, 0.2453, 0.4030



14.6002, 0.2036, 0.2478



7.0029, 0.3017, 0.3340



19.9298, 0.2447, 0.4008



0.3032, 0.2347, 0.3651

Inverse Universe

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



7.1588, 0.5770, 0.3023



12.3145, 0.6020, 0.3090



8.9232, 0.5833, 0.3651



6.2442, 0.3250, 0.3240



5.6983, 0.5958, 0.3056



0.0899, 0.4972, 0.2513

Previews

White Background



This preview shows how the Yxy color 24.2275, 0.2447, 0.3961 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 24.2275, 0.2447, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

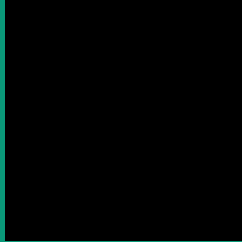
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2275, 0.2447, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 24.2275, 0.2447, 0.3961.



This preview shows how white text looks on a background with the Yxy color 24.2275, 0.2447, 0.3961.

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

24.2275, 0.2447, 0.3961

Protanopia

23.9487, 0.3471, 0.3686

Deuteranopia

23.9557, 0.3409, 0.3357



Tritanopia

24.3222, 0.2280, 0.3062

Trichromacy



Original Color

24.2275, 0.2447, 0.3961



Protanomaly

22.6672, 0.2892, 0.3804



Deuteranomaly

22.2848, 0.2856, 0.3561



Tritanomaly

24.2281, 0.2328, 0.3366

Monochromacy



Original Color

24.2275, 0.2447, 0.3961



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

16.9629, 0.2685, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2275, 0.2447, 0.3961 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(10, 153, 121)` looks like.

```
.text, #text, p{  
    color:rgb(10, 153, 121)  
}
```

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(10, 153, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 153, 121) }
```

Border

The CSS property to change the border of an element to Yxy 24.2275, 0.2447, 0.3961 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(10, 153, 121) }
```

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

```
.border{ border-color:rgb(10, 153, 121) }
```

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

Here you see how a box with a 4 pixel rgb(10, 153, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 153, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 153, 121);  
box-shadow:4px 4px 4px 4px rgb(10, 153,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2275, 0.2447, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 153, 121) }
```

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

```
.background{ background-color: rgb(10, 153,  
121) }
```

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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