

Converting Colors

$Yxy(24.7591, 0.2497, 0.3647)$

Have a look what the booklet for
Yxy(24.7591, 0.2497, 0.3647)
contains.

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Color

Yxy(24.6389, 0.2497, 0.3646)

Conversions

Conversions Part 1

Format	Color
Hex	379785
RGB	55, 151, 133
RGB Percent	22%, 59%, 52%
CMY	0.7846, 0.4078, 0.4783
CMYK	0.64, 0.00, 0.12, 0.41
HSL	169°, 47%, 40%
HSV	169°, 64%, 59%
XYZ	16.8742, 24.6389, 26.0648
YIQ	120.2440, -51.4380, -25.9500

Conversions

Conversions Part 2

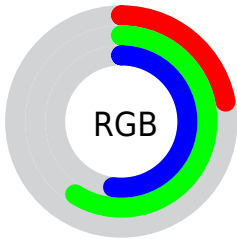
Format	Color
R_{YB}	55, 108, 151
Decimal	3643269
CIE _{Lab}	56.72, -32.44, 1.20
CIE _{LCh}	57, 32.462, 177.882
Yxy	24.6389, 0.2497, 0.3646
Android (android.graphics.Color)	4281833349 (0xFF379785)
YUV	120.2440, 6.2887, -57.2190
Hunter-Lab	49.6376, -26.1851, 3.6130

Details

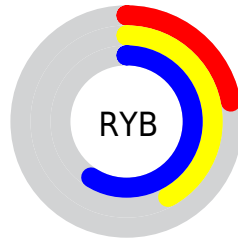
The Yxy color **24.6389, 0.2497, 0.3646** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.7860, 0.4718, 0.3013**, and the grayscale version is **18.8517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1985, 0.2634, 0.3573**, and **9.5638, 0.2374, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **24.2002, 0.2451, 0.3712**, and if you desaturate by 10%, it is **25.2121, 0.2561, 0.3582**.

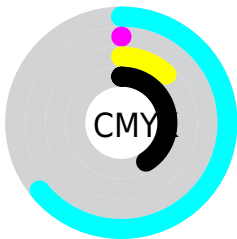
Distribution



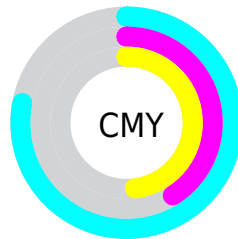
- Red (22%)
- Green (59%)
- Blue (52%)



- Red (22%)
- Yellow (42%)
- Blue (59%)



- Cyan (64%)
- Magenta (0%)
- Yellow (12%)
- Black (41%)





- Cyan (78%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6389, 0.2497, 0.3646 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 24.6389, 0.2497, 0.3646 by changing the saturation by 10% instead.


 24.6389, 0.2497,
0.3646


 24.6389, 0.2497,
0.3646


276.0348, 0.2844,
0.3449

 15.8082, 0.2398,
0.3703


 51.0708, 0.2632,
0.3569


 9.3886, 0.2264,
0.3781


 69.4408, 0.2679,
0.3542


 4.9955, 0.2070,
0.3894

 91.7594, 0.2719,
0.3520

 2.2446, 0.1768,
0.4074

 118.4110, 0.2752,
0.3501

 0.7442, 0.0000,
0.5060

 149.7799, 0.2780,
0.3485

 0.0000, 0.0000,
0.0000

186.2506, 0.2804,

0.3471

228.2074, 0.2825,
0.3459

■ 24.6389, 0.2497,
0.3646

■ 24.6389, 0.2497,
0.3646

■ 24.2002, 0.2451,
0.3712

■ 25.2121, 0.2561,
0.3582

■ 23.8807, 0.2423,
0.3778

■ 25.9277, 0.2642,
0.3519

■ 23.6666, 0.2414,
0.3844

■ 26.7963, 0.2737,
0.3460

■ 23.5590, 0.2413,
0.3887

■ 27.8268, 0.2844,
0.3405

■ 29.0274, 0.2959,
0.3353

■ 30.4056, 0.3082,
0.3306

■ 31.9686, 0.3208,
0.3263

■ 33.7232, 0.3336,
0.3225

■ 35.6757, 0.3464,
0.3191

Harmonies

Analogous

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



24.6389, 0.2982, 0.4132



24.6389, 0.2497, 0.3646



24.6389, 0.2195, 0.3080

Triad

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



24.6389, 0.2497, 0.3646



24.6389, 0.2661, 0.2430



24.6389, 0.4237, 0.3796

Complementary

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



24.6389, 0.2497, 0.3646



9.7860, 0.4718, 0.3013

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.



24.6389, 0.4154, 0.3361



24.6389, 0.2497, 0.3646



24.6389, 0.3197, 0.2613

Square

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



24.6389, 0.2497, 0.3646



24.6389, 0.2286, 0.2432



24.6389, 0.3759, 0.2943



24.6389, 0.3998, 0.4158

Rectangle

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



24.6389, 0.2497, 0.3646



24.6389, 0.2121, 0.2770



24.6389, 0.3759, 0.2943



24.6389, 0.4248, 0.3654

Sweetspot

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



24.6399, 0.2497, 0.3646



50.7034, 0.2892, 0.3382



23.8723, 0.3178, 0.5200



11.3987, 0.2862, 0.3396



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.



24.6399, 0.2497, 0.3646



43.0880, 0.2438, 0.3738



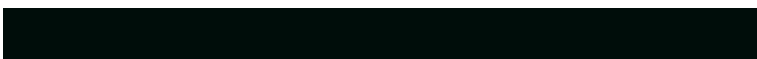
17.0095, 0.2246, 0.2701



7.0067, 0.3012, 0.3332



20.0442, 0.2412, 0.3882



0.3042, 0.2330, 0.3589

Inverse Universe

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



9.7860, 0.4718, 0.3013



14.3345, 0.5284, 0.3012



13.1580, 0.4739, 0.3756



6.2406, 0.3255, 0.3249



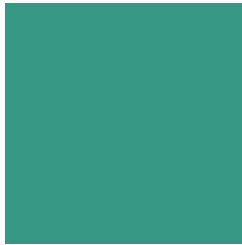
5.6729, 0.6061, 0.3113



0.0889, 0.5147, 0.2609

Previews

White Background



This preview shows how the Yxy color 24.6389, 0.2497, 0.3646 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 24.6389, 0.2497, 0.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

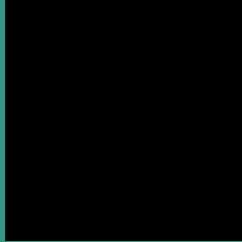
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6389, 0.2497, 0.3646

Background



This preview shows how black text looks on a background with the Yxy color 24.6389, 0.2497, 0.3646.

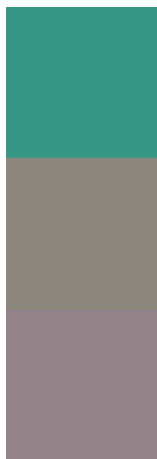


This preview shows how white text looks on a background with the Yxy color 24.6389, 0.2497, 0.3646.

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

24.6389, 0.2497, 0.3646

Protanopia

24.3586, 0.3301, 0.3478

Deuteranopia

24.2418, 0.3247, 0.3192



Tritanopia

24.5289, 0.2367, 0.3066

Trichromacy



Original Color

24.6389, 0.2497, 0.3646

Protanomaly

23.8333, 0.2929, 0.3550

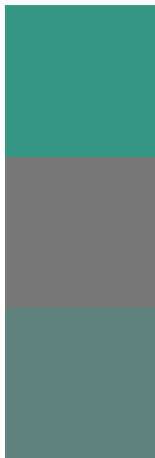
Deuteranomaly

23.5319, 0.2893, 0.3326

Tritanomaly

24.4060, 0.2408, 0.3250

Monochromacy



Original Color

24.6389, 0.2497, 0.3646

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

20.2001, 0.2808, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6389, 0.2497, 0.3646 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(55, 151, 133)` looks like.

```
.text, #text, p{  
    color:rgb(55, 151, 133)  
}
```

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(55, 151, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 151, 133) }
```

Border

The CSS property to change the border of an element to Yxy 24.6389, 0.2497, 0.3646 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(55, 151, 133) }
```

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

```
.border{ border-color:rgb(55, 151, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 151, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 151, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 151, 133);  
box-shadow:4px 4px 4px 4px rgb(55, 151,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6389, 0.2497, 0.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 151, 133) }
```

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

```
.background{ background-color: rgb(55, 151,  
133) }
```

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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