

Converting Colors

$Yxy(24.6071, 0.2433, 0.3487)$

Have a look what the booklet for
Yxy(24.6071, 0.2433, 0.3487)
contains.

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Color

Yxy(24.4362, 0.2432, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	34968C
RGB	52, 150, 140
RGB Percent	20%, 59%, 55%
CMY	0.7964, 0.4117, 0.4510
CMYK	0.65, 0.00, 0.07, 0.41
HSL	174°, 49%, 40%
HSV	174°, 65%, 59%
XYZ	17.0528, 24.4362, 28.6293
YIQ	119.5580, -55.1980, -23.8860

Conversions

Conversions Part 2

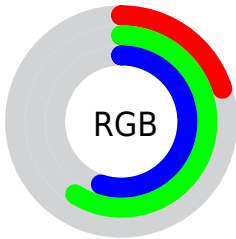
Format	Color
RYB	52, 104, 150
Decimal	3446412
CIELab	56.52, -30.59, -3.09
CIElCh	57, 30.746, 185.770
Yxy	24.4362, 0.2432, 0.3485
Android (android.graphics.Color)	4281636492 (0xFF34968C)
YUV	119.5580, 10.0779, -59.2484
Hunter-Lab	49.4330, -24.9311, 0.2651

Details

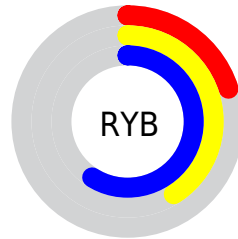
The Yxy color **24.4362, 0.2432, 0.3485** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.2802, 0.4971, 0.3144**, and the grayscale version is **18.6078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8924, 0.2583, 0.3458**, and **9.4736, 0.2313, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **24.0562, 0.2383, 0.3519**, and if you desaturate by 10%, it is **24.9451, 0.2499, 0.3451**.

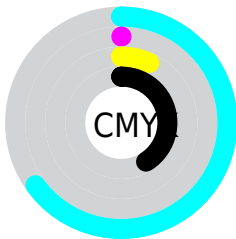
Distribution



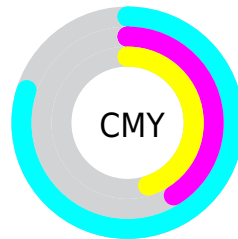
- Red (20%)
- Green (59%)
- Blue (55%)



- Red (20%)
- Yellow (41%)
- Blue (59%)



- Cyan (65%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)





- Cyan (80%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4362, 0.2432, 0.3485 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 24.4362, 0.2432, 0.3485 by changing the saturation by 10% instead.


 24.4362, 0.2432,
0.3485


 24.4362, 0.2432,
0.3485


275.0184, 0.2812,
0.3382


 15.6575, 0.2325,
0.3512


 50.7411, 0.2578,
0.3447


 9.2821, 0.2181,
0.3547


 69.0361, 0.2631,
0.3432


 4.9257, 0.1975,
0.3595

 91.2719, 0.2674,
0.3421

 2.2037, 0.1662,
0.3659

 117.8331, 0.2710,
0.3411

 0.7220, 0.0000,
0.4186

 149.1039, 0.2741,
0.3402

 0.0000, 0.0000,
0.0000

185.4688, 0.2768,

0.3395

227.3122, 0.2791,
0.3388

■ 24.4362, 0.2432,
0.3485

■ 24.4362, 0.2432,
0.3485

■ 24.0562, 0.2383,
0.3519

■ 24.9451, 0.2499,
0.3451

■ 23.7899, 0.2352,
0.3554

■ 25.5910, 0.2584,
0.3418

■ 23.6213, 0.2339,
0.3588

■ 26.3845, 0.2684,
0.3387

■ 23.5568, 0.2334,
0.3603

■ 27.3344, 0.2797,
0.3357

■ 28.4488, 0.2921,
0.3329

■ 29.7354, 0.3053,
0.3303

■ 31.2011, 0.3191,
0.3279

■ 32.8527, 0.3332,
0.3258

■ 34.6965, 0.3473,
0.3240

Harmonies

Analogous

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



24.4362, 0.2858, 0.3987



24.4362, 0.2432, 0.3485



24.4362, 0.2198, 0.2968

Triad

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



24.4362, 0.2432, 0.3485



24.4362, 0.2808, 0.2498



24.4362, 0.4151, 0.3878

Complementary

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



24.4362, 0.2432, 0.3485



9.2802, 0.4971, 0.3144

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.



24.4362, 0.4155, 0.3472



24.4362, 0.2432, 0.3485



24.4362, 0.3340, 0.2715

Square

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



24.4362, 0.2432, 0.3485



24.4362, 0.2400, 0.2452



24.4362, 0.3849, 0.3060



24.4362, 0.3857, 0.4181

Rectangle

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



24.4362, 0.2432, 0.3485



24.4362, 0.2167, 0.2704



24.4362, 0.3849, 0.3060



24.4362, 0.4188, 0.3749

Sweetspot

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



24.4371, 0.2432, 0.3485



49.1781, 0.2858, 0.3342



23.1316, 0.3111, 0.5291



10.7903, 0.2827, 0.3350



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.4371, 0.2432, 0.3485



42.2299, 0.2368, 0.3534



14.6084, 0.2185, 0.2503



6.5521, 0.3002, 0.3312



19.5374, 0.2334, 0.3601



0.2415, 0.2287, 0.3433

Inverse Universe

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



9.2802, 0.4971, 0.3144



13.4504, 0.5588, 0.3156



13.9633, 0.4693, 0.3898



5.8244, 0.3267, 0.3268



5.4096, 0.6246, 0.3215



0.0681, 0.5617, 0.2868

Previews

White Background



This preview shows how the Yxy color 24.4362, 0.2432, 0.3485 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 24.4362, 0.2432, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

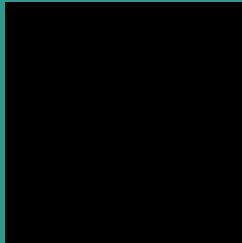
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4362, 0.2432, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 24.4362, 0.2432, 0.3485.



This preview shows how white text looks on a background with the Yxy color 24.4362, 0.2432, 0.3485.

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

24.4362, 0.2432, 0.3485

Protanopia

24.0922, 0.3204, 0.3341

Deuteranopia

24.0859, 0.3126, 0.3076



Tritanopia

24.3627, 0.2342, 0.3064

Trichromacy



Original Color

24.4362, 0.2432, 0.3485

Protanomaly

23.6032, 0.2844, 0.3400

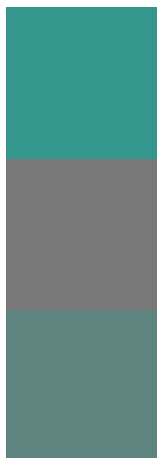
Deuteranomaly

23.4751, 0.2790, 0.3199

Tritanomaly

24.3463, 0.2375, 0.3212

Monochromacy



Original Color

24.4362, 0.2432, 0.3485

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

20.1978, 0.2779, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4362, 0.2432, 0.3485 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(52, 150, 140)` looks like.

```
.text, #text, p{  
    color:rgb(52, 150, 140)  
}
```

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(52, 150, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 150, 140) }
```

Border

The CSS property to change the border of an element to Yxy 24.4362, 0.2432, 0.3485 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(52, 150, 140) }
```

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

```
.border{ border-color:rgb(52, 150, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 150, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 150, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 150, 140);  
box-shadow:4px 4px 4px 4px rgb(52, 150,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4362, 0.2432, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 150, 140) }
```

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

```
.background{ background-color: rgb(52, 150,  
140) }
```

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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