

Converting Colors

$Yxy(24.5046, 0.2457, 0.3881)$

Have a look what the booklet for
Yxy(24.5046, 0.2457, 0.3881)
contains.

Yxy(24.4707, 0.2460, 0.3889)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.4707, 0.2460, 0.3889)

Conversions

Conversions Part 1

Format	Color
Hex	1B997C
RGB	27, 153, 124
RGB Percent	11%, 60%, 49%
CMY	0.8945, 0.4000, 0.5138
CMYK	0.82, 0.00, 0.19, 0.40
HSL	166°, 70%, 35%
HSV	166°, 82%, 60%
XYZ	15.4790, 24.4707, 22.9731
YIQ	112.0200, -65.7870, -35.7310

Conversions

Conversions Part 2

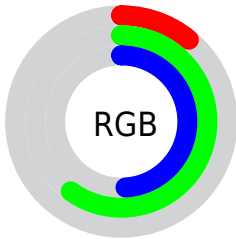
Format	Color
R_YB	27, 98, 153
Decimal	1808764
CIE Lab	56.56, -39.69, 6.03
CIE LCh	57, 40.150, 171.360
Yxy	24.4707, 0.2460, 0.3889
Android (android.graphics.Color)	4279998844 (0xFF1B997C)
YUV	112.0200, 5.9061, -74.5625
Hunter-Lab	49.4679, -30.7142, 7.0929

Details

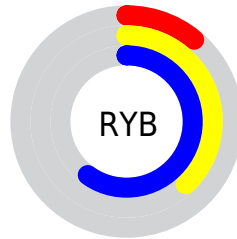
The Yxy color **24.4707, 0.2460, 0.3889** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7.8378, 0.5359, 0.2950**, and the grayscale version is **16.1991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7331, 0.2609, 0.3759**, and **9.8154, 0.2470, 0.4093** is the 20% darker color. If you saturate the color by 10%, you get **24.2277, 0.2452, 0.3972**, and if you desaturate by 10%, it is **24.8273, 0.2486, 0.3806**.

Distribution



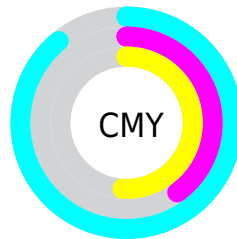
- Red (11%)
- Green (60%)
- Blue (49%)



- Red (11%)
- Yellow (38%)
- Blue (60%)



- Cyan (82%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)




- Cyan (89%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4707, 0.2460, 0.3889 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 24.4707, 0.2460, 0.3889 by changing the saturation by 10% instead.


 24.4707, 0.2460,
0.3889


 24.4707, 0.2460,
0.3889


275.1916, 0.2832,
0.3549


 15.6832, 0.2353,
0.3991


 50.7972, 0.2605,
0.3754


 9.3002, 0.2205,
0.4134


 69.1050, 0.2657,
0.3707


 4.9375, 0.1989,
0.4350

 91.3550, 0.2699,
0.3668

 2.2106, 0.1647,
0.4708

 117.9315, 0.2734,
0.3636

 0.7258, 0.0000,
0.6632

 149.2191, 0.2764,
0.3609

 0.0000, 0.0000,
0.0000

 185.6020, 0.2790,

0.3586

227.4647, 0.2812,
0.3566

■ 24.4707, 0.2460,
0.3889

■ 24.4707, 0.2460,
0.3889

■ 24.2277, 0.2452,
0.3972

■ 24.8273, 0.2486,
0.3806

■ 24.0880, 0.2454,
0.4035

■ 25.3095, 0.2531,
0.3723

■ 25.9308, 0.2594,
0.3643

■ 26.7024, 0.2673,
0.3565

■ 27.6340, 0.2766,
0.3492

■ 28.7348, 0.2869,
0.3424

■ 30.0131, 0.2981,
0.3361

■ 31.4767, 0.3098,
0.3303

■ 33.1330, 0.3219,
0.3251

Harmonies

Analogous

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



24.4707, 0.3078, 0.4447



24.4707, 0.2460, 0.3889



24.4707, 0.2049, 0.3159

Triad

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



24.4707, 0.2460, 0.3889



24.4707, 0.2435, 0.2234



24.4707, 0.4510, 0.3765

Complementary

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



24.4707, 0.2460, 0.3889



7.8378, 0.5359, 0.2950

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.



24.4707, 0.4325, 0.3243



24.4707, 0.2460, 0.3889



24.4707, 0.3051, 0.2410

Square

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



24.4707, 0.2460, 0.3889



24.4707, 0.2044, 0.2280



24.4707, 0.3764, 0.2767



24.4707, 0.4278, 0.4250

Rectangle

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



24.4707, 0.2460, 0.3889



24.4707, 0.1927, 0.2747



24.4707, 0.3764, 0.2767



24.4707, 0.4497, 0.3590

Sweetspot

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



24.4717, 0.2460, 0.3889



50.8144, 0.2836, 0.3444



23.7140, 0.3162, 0.5665



11.0800, 0.2803, 0.3466



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.



24.4717, 0.2460, 0.3889



43.1331, 0.2458, 0.4043



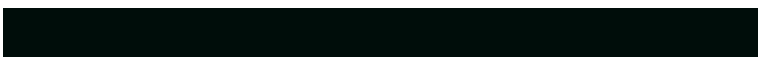
15.8169, 0.2099, 0.2585



7.0022, 0.3018, 0.3342



19.9115, 0.2453, 0.4029



0.3030, 0.2350, 0.3661

Inverse Universe

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



7.8378, 0.5359, 0.2950



12.3793, 0.5974, 0.3073



10.1403, 0.5483, 0.3712



6.2448, 0.3249, 0.3239



5.7030, 0.5939, 0.3046



0.0901, 0.4945, 0.2498

Previews

White Background



This preview shows how the Yxy color 24.4707, 0.2460, 0.3889 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 24.4707, 0.2460, 0.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

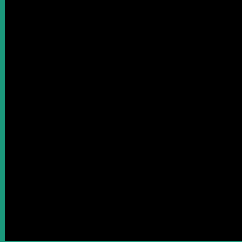
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4707, 0.2460, 0.3889

Background



This preview shows how black text looks on a background with the Yxy color 24.4707, 0.2460, 0.3889.



This preview shows how white text looks on a background with the Yxy color 24.4707, 0.2460, 0.3889.

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

24.4707, 0.2460, 0.3889

Protanopia

24.0159, 0.3437, 0.3634

Deuteranopia

24.0343, 0.3374, 0.3307



Tritanopia

24.4479, 0.2299, 0.3063

Trichromacy



Original Color

24.4707, 0.2460, 0.3889



Protanomaly

23.0671, 0.2923, 0.3735



Deuteranomaly

22.7125, 0.2887, 0.3498



Tritanomaly

24.4329, 0.2351, 0.3346

Monochromacy



Original Color

24.4707, 0.2460, 0.3889



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

18.1890, 0.2739, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4707, 0.2460, 0.3889 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(27, 153, 124)` looks like.

```
.text, #text, p{  
    color:rgb(27, 153, 124)  
}
```

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(27, 153, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 153, 124) }
```

Border

The CSS property to change the border of an element to Yxy 24.4707, 0.2460, 0.3889 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(27, 153, 124) }
```

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

```
.border{ border-color:rgb(27, 153, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 153, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 153, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 153, 124);  
box-shadow:4px 4px 4px 4px rgb(27, 153,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4707, 0.2460, 0.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 153, 124) }
```

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

```
.background{ background-color: rgb(27, 153,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor