

Converting Colors

$Yxy(24.4944, 0.2884, 0.4524)$

Have a look what the booklet for
Yxy(24.4944, 0.2884, 0.4524)
contains.

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Color

Yxy(24.4944, 0.2884, 0.4524)

Conversions

Conversions Part 1

Format	Color
Hex	45985C
RGB	69, 152, 92
RGB Percent	27%, 60%, 36%
CMY	0.7294, 0.4039, 0.6391
CMYK	0.55, 0.00, 0.39, 0.40
HSL	137°, 38%, 43%
HSV	137°, 55%, 60%
XYZ	15.6149, 24.4944, 14.0339
YIQ	120.3430, -30.2080, -36.2560

Conversions

Conversions Part 2

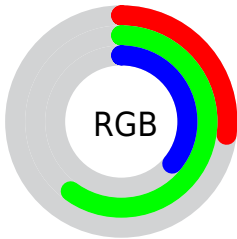
Format	Color
R_{YB}	69, 134, 152
Decimal	4560988
CIE _{Lab}	56.58, -39.00, 24.11
CIE _{LCh}	57, 45.849, 148.274
Yxy	24.4944, 0.2884, 0.4524
Android (android.graphics.Color)	4282751068 (0xFF45985C)
YUV	120.3430, -13.9731, -45.0278
Hunter-Lab	49.4918, -30.2931, 17.8320

Details

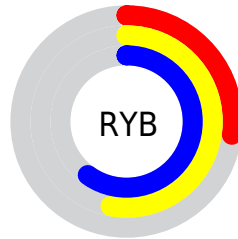
The Yxy color **24.4944, 0.2884, 0.4524** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.5168, 0.3543, 0.2329**, and the grayscale version is **18.9520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8939, 0.2955, 0.4227**, and **9.3038, 0.2742, 0.5071** is the 20% darker color. If you saturate the color by 10%, you get **23.8305, 0.2862, 0.4795**, and if you desaturate by 10%, it is **25.3306, 0.2917, 0.4258**.

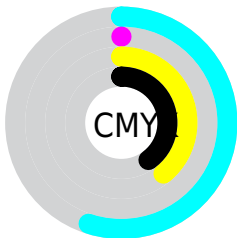
Distribution



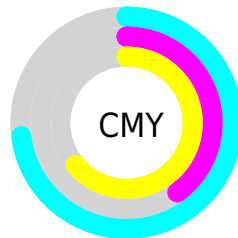
- Red (27%)
- Green (60%)
- Blue (36%)



- Red (27%)
- Yellow (53%)
- Blue (60%)



- Cyan (55%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)




- Cyan (73%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4944, 0.2884, 0.4524 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 24.4944, 0.2884, 0.4524 by changing the saturation by 10% instead.


 24.4944, 0.2884,
0.4524


 24.4944, 0.2884,
0.4524


275.3106, 0.3041,
0.3800


 15.7008, 0.2827,
0.4751


 50.8358, 0.2953,
0.4229


 9.3127, 0.2738,
0.5076


 69.1524, 0.2975,
0.4129


 4.9457, 0.2588,
0.5574

 91.4120, 0.2992,
0.4048

 2.2154, 0.2387,
0.6671

 117.9992, 0.3006,
0.3981

 0.7284, 0.0000,
1.0000

 149.2982, 0.3017,
0.3924

 0.0000, 0.0000,
0.0000

185.6935, 0.3027,

0.3877

227.5695, 0.3035,
0.3835

■ 24.4944, 0.2884,
0.4524

■ 24.4944, 0.2884,
0.4524

■ 23.8305, 0.2862,
0.4795

■ 25.3306, 0.2917,
0.4258

■ 23.3235, 0.2855,
0.5060

■ 26.3471, 0.2958,
0.4005

■ 22.9604, 0.2862,
0.5307

■ 27.5551, 0.3004,
0.3772

■ 22.7240, 0.2883,
0.5521

■ 28.9638, 0.3053,
0.3560

■ 22.6253, 0.2895,
0.5624

■ 30.5820, 0.3104,
0.3370

■ 32.4179, 0.3154,
0.3202

■ 34.4792, 0.3203,
0.3055

■ 36.7734, 0.3250,
0.2926

■ 39.3074, 0.3294,
0.2813

Harmonies

Analogous

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



24.4944, 0.3640, 0.4752



24.4944, 0.2884, 0.4524



24.4944, 0.2235, 0.3782

Triad

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



24.4944, 0.2884, 0.4524



24.4944, 0.1989, 0.2121



24.4944, 0.4587, 0.3353

Complementary

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



24.4944, 0.2884, 0.4524



12.5168, 0.3543, 0.2329

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.



24.4944, 0.4026, 0.2811



24.4944, 0.2884, 0.4524



24.4944, 0.2483, 0.2136

Square

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



24.4944, 0.2884, 0.4524



24.4944, 0.1777, 0.2379



24.4944, 0.3220, 0.2381



24.4944, 0.4671, 0.3933

Rectangle

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



24.4944, 0.2884, 0.4524



24.4944, 0.1946, 0.3210



24.4944, 0.3220, 0.2381



24.4944, 0.4446, 0.3164

Sweetspot

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



24.4954, 0.2884, 0.4524



50.6724, 0.3045, 0.3594



27.6222, 0.3646, 0.4686



11.4075, 0.3036, 0.3633



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.



24.4954, 0.2884, 0.4524



41.7959, 0.2859, 0.4867



25.4058, 0.2581, 0.3665



6.9523, 0.3081, 0.3455



18.9751, 0.2892, 0.5612



0.2892, 0.2676, 0.4835

Inverse Universe

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



12.5168, 0.3543, 0.2329



18.3211, 0.3679, 0.2158



11.6429, 0.4303, 0.2972



6.2944, 0.3177, 0.3131



6.5438, 0.4039, 0.1999



0.1039, 0.3606, 0.1760

Previews

White Background



This preview shows how the Yxy color 24.4944, 0.2884, 0.4524 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 24.4944, 0.2884, 0.4524 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 24.4944, 0.2884, 0.4524

Background



This preview shows how black text looks on a background with the Yxy color 24.4944, 0.2884, 0.4524.



This preview shows how white text looks on a background with the Yxy color 24.4944, 0.2884, 0.4524.

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

24.4944, 0.2884, 0.4524

Protanopia

24.1869, 0.3811, 0.4127

Deuteranopia

24.0372, 0.3877, 0.3803



Tritanopia

24.3253, 0.2500, 0.3070

Trichromacy



Original Color

24.4944, 0.2884, 0.4524



Protanomaly

23.6763, 0.3412, 0.4275



Deuteranomaly

23.2296, 0.3451, 0.4057



Tritanomaly

24.2664, 0.2637, 0.3560

Monochromacy



Original Color

24.4944, 0.2884, 0.4524



Achromatopsia

18.7821, 0.3127, 0.3290



Achromatomaly

20.3950, 0.3007, 0.3732

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4944, 0.2884, 0.4524 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(69, 152, 92)` looks like.

```
.text, #text, p{  
    color:rgb(69, 152, 92)  
}
```

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(69, 152, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 152, 92) }
```

Border

The CSS property to change the border of an element to Yxy 24.4944, 0.2884, 0.4524 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(69, 152, 92) }
```

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

```
.border{ border-color:rgb(69, 152, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 152, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 152, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 152, 92);  
box-shadow:4px 4px 4px 4px rgb(69, 152,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4944, 0.2884, 0.4524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 152, 92) }
```

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

```
.background{ background-color: rgb(69, 152,  
92) }
```

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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