

Converting Colors

$Yxy(24.6803, 0.3364, 0.4987)$

Have a look what the booklet for
Yxy(24.6803, 0.3364, 0.4987)
contains.

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Color

Yxy(24.6803, 0.3364, 0.4987)

Conversions

Conversions Part 1

Format	Color
Hex	61963C
RGB	97, 150, 60
RGB Percent	38%, 59%, 24%
CMY	0.6198, 0.4117, 0.7647
CMYK	0.35, 0.00, 0.60, 0.41
HSL	95°, 43%, 41%
HSV	95°, 60%, 59%
XYZ	16.6482, 24.6803, 8.1608
YIQ	123.8930, -2.6980, -39.2260

Conversions

Conversions Part 2

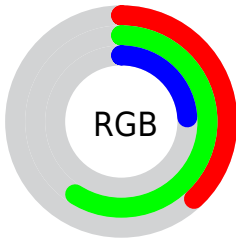
Format	Color
RYB	60, 150, 113
Decimal	6395452
CIELab	56.76, -33.88, 41.13
CIELCh	57, 53.283, 129.477
Yxy	24.6803, 0.3364, 0.4987
Android (android.graphics.Color)	4284585532 (0xFF61963C)
YUV	123.8930, -31.4992, -23.5852
Hunter-Lab	49.6793, -27.1210, 25.0360

Details

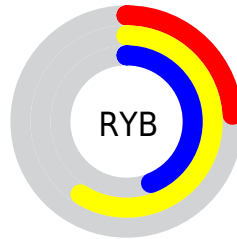
The Yxy color **24.6803, 0.3364, 0.4987** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.9482, 0.2643, 0.1697**, and the grayscale version is **20.2234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3896, 0.3350, 0.4595**, and **9.4723, 0.3311, 0.5667** is the 20% darker color. If you saturate the color by 10%, you get **24.0859, 0.3365, 0.5256**, and if you desaturate by 10%, it is **25.3760, 0.3347, 0.4693**.

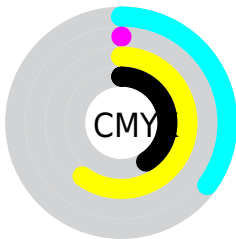
Distribution



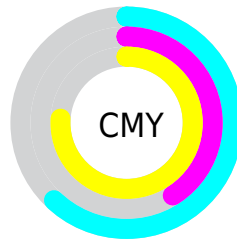
- Red (38%)
- Green (59%)
- Blue (24%)



- Red (24%)
- Yellow (59%)
- Blue (44%)



- Cyan (35%)
- Magenta (0%)
- Yellow (60%)
- Black (41%)





- Cyan (62%)
- Magenta (41%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6803, 0.3364, 0.4987 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 24.6803, 0.3364, 0.4987 by changing the saturation by 10% instead.


 24.6803, 0.3364,
0.4987


 24.6803, 0.3364,
0.4987


276.2420, 0.3282,
0.4006


 15.8390, 0.3356,
0.5275


 51.1381, 0.3351,
0.4597


 9.4103, 0.3319,
0.5666


 69.5234, 0.3340,
0.4461


 5.0098, 0.3257,
0.6302

 91.8589, 0.3329,
0.4350

 2.2530, 0.2945,
0.7055

 118.5289, 0.3318,
0.4257

 0.7487, 0.0000,
1.0000

 149.9178, 0.3308,
0.4180

 0.0000, 0.0000,
0.0000

 186.4100, 0.3299,

0.4113

228.3900, 0.3290,
0.4056

■ 24.6803, 0.3364,
0.4987

■ 24.6803, 0.3364,
0.4987

■ 24.0859, 0.3365,
0.5256

■ 25.3760, 0.3347,
0.4693

■ 23.5838, 0.3347,
0.5485

■ 26.1748, 0.3316,
0.4389

■ 23.1688, 0.3311,
0.5661

■ 27.0827, 0.3276,
0.4089

■ 22.8271, 0.3264,
0.5790

■ 28.1040, 0.3229,
0.3803

■ 29.2428, 0.3179,
0.3535

■ 30.5031, 0.3127,
0.3290

■ 31.8885, 0.3076,
0.3068

■ 33.4027, 0.3026,
0.2869

■ 35.0490, 0.2979,
0.2692

Harmonies

Analogous

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



24.6803, 0.4184, 0.4793



24.6803, 0.3364, 0.4987



24.6803, 0.2527, 0.4471

Triad

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



24.6803, 0.3364, 0.4987



24.6803, 0.1659, 0.2099



24.6803, 0.4464, 0.2951

Complementary

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



24.6803, 0.3364, 0.4987



8.9482, 0.2643, 0.1697

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.



24.6803, 0.3583, 0.2420



24.6803, 0.3364, 0.4987



24.6803, 0.2008, 0.1944

Square

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



24.6803, 0.3364, 0.4987



24.6803, 0.1618, 0.2595



24.6803, 0.2670, 0.2065



24.6803, 0.4914, 0.3573

Rectangle

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



24.6803, 0.3364, 0.4987



24.6803, 0.2075, 0.3817



24.6803, 0.2670, 0.2065



24.6803, 0.4200, 0.2760

Sweetspot

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



24.6814, 0.3364, 0.4987



49.9064, 0.3221, 0.3757



18.5116, 0.4316, 0.4151



10.9472, 0.3234, 0.3831



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.



24.6814, 0.3364, 0.4987



42.1791, 0.3361, 0.5340



23.1880, 0.2992, 0.5027



6.5778, 0.3175, 0.3514



18.9473, 0.3270, 0.5786



0.2484, 0.3618, 0.5510

Inverse Universe

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



8.9482, 0.2643, 0.1697



11.8260, 0.2498, 0.1388



11.6850, 0.3305, 0.2020



5.7917, 0.3076, 0.3068



3.5828, 0.2230, 0.1002



0.0611, 0.2676, 0.1248

Previews

White Background



This preview shows how the Yxy color 24.6803, 0.3364, 0.4987 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 24.6803, 0.3364, 0.4987 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 24.6803, 0.3364, 0.4987

Background



This preview shows how black text looks on a background with the Yxy color 24.6803, 0.3364, 0.4987.



This preview shows how white text looks on a background with the Yxy color 24.6803, 0.3364, 0.4987.

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

24.6803, 0.3364, 0.4987

Protanopia

24.4732, 0.4123, 0.4528

Deuteranopia

24.3094, 0.4299, 0.4219



Tritanopia

24.6963, 0.2726, 0.3096

Trichromacy



Original Color

24.6803, 0.3364, 0.4987

Protanomaly

24.1705, 0.3826, 0.4712

Deuteranomaly

24.0123, 0.3936, 0.4495

Tritanomaly

24.3426, 0.2974, 0.3761

Monochromacy



Original Color

24.6803, 0.3364, 0.4987

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.2921, 0.3246, 0.3910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6803, 0.3364, 0.4987 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(97, 150, 60)` looks like.

```
.text, #text, p{  
    color:rgb(97, 150, 60)  
}
```

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(97, 150, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 150, 60) }
```

Border

The CSS property to change the border of an element to Yxy 24.6803, 0.3364, 0.4987 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(97, 150, 60) }
```

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

```
.border{ border-color:rgb(97, 150, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 150, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 150, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 150, 60);  
box-shadow:4px 4px 4px 4px rgb(97, 150,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6803, 0.3364, 0.4987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 150, 60) }
```

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

```
.background{ background-color: rgb(97, 150,  
60) }
```

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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