

Converting Colors

$Y_{xy}(25.1523, 0.3419, 0.4984)$

Have a look what the booklet for
Yxy(25.1523, 0.3419, 0.4984)
contains.

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Color

Yxy(25.2738, 0.3418, 0.4984)

Conversions

Conversions Part 1

Format	Color
Hex	66973B
RGB	102, 151, 59
RGB Percent	40%, 59%, 23%
CMY	0.6001, 0.4078, 0.7686
CMYK	0.32, 0.00, 0.61, 0.41
HSL	92°, 44%, 41%
HSV	92°, 61%, 59%
XYZ	17.3326, 25.2738, 8.1034
YIQ	125.8610, 0.3280, -39.0000

Conversions

Conversions Part 2

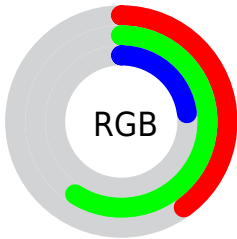
Format	Color
RYB	59, 151, 108
Decimal	6723387
CIELab	57.34, -32.59, 42.32
CIElCh	57, 53.416, 127.595
Yxy	25.2738, 0.3418, 0.4984
Android (android.graphics.Color)	4284913467 (0xFF66973B)
YUV	125.8610, -32.9625, -20.9261
Hunter-Lab	50.2731, -26.4364, 25.6343

Details

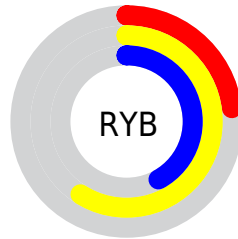
The Yxy color **25.2738, 0.3418, 0.4984** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.5553, 0.2560, 0.1641**, and the grayscale version is **20.9267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3363, 0.3393, 0.4601**, and **9.7990, 0.3393, 0.5646** is the 20% darker color. If you saturate the color by 10%, you get **24.6926, 0.3423, 0.5241**, and if you desaturate by 10%, it is **25.9482, 0.3395, 0.4700**.

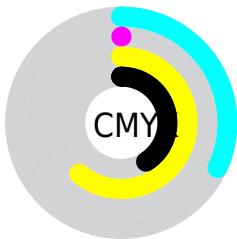
Distribution



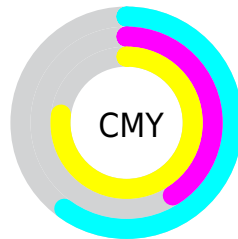
- Red (40%)
- Green (59%)
- Blue (23%)



- Red (23%)
- Yellow (59%)
- Blue (42%)



- Cyan (32%)
- Magenta (0%)
- Yellow (61%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2738, 0.3418, 0.4984 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 25.2738, 0.3418, 0.4984 by changing the saturation by 10% instead.


 25.2738, 0.3418,
0.4984

 25.2738, 0.3418,
0.4984


279.1988, 0.3308,
0.4012


 16.2812, 0.3418,
0.5265


 52.1011, 0.3394,
0.4601

 9.7233, 0.3391,
0.5643


 70.7045, 0.3379,
0.4466


 5.2159, 0.3344,
0.6253

 93.2803, 0.3365,
0.4355

 2.3745, 0.3053,
0.6947

 120.2128, 0.3352,
0.4263

 0.8127, 0.0000,
1.0000

 151.8866, 0.3339,
0.4186

 0.0000, 0.0000,
0.0000

 188.6859, 0.3328,

0.4119

230.9951, 0.3317,
0.4062

■ 25.2738, 0.3418,
0.4984

■ 25.2738, 0.3418,
0.4984

■ 24.6926, 0.3423,
0.5241

■ 25.9482, 0.3395,
0.4700

■ 24.1961, 0.3409,
0.5458

■ 26.7173, 0.3356,
0.4404

■ 23.7791, 0.3374,
0.5622

■ 27.5866, 0.3308,
0.4110

■ 23.4573, 0.3333,
0.5736

■ 28.5602, 0.3252,
0.3826

■ 29.6419, 0.3193,
0.3558

■ 30.8354, 0.3133,
0.3312

■ 32.1440, 0.3073,
0.3087

■ 33.5710, 0.3015,
0.2885

■ 35.1196, 0.2960,
0.2703

Harmonies

Analogous

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



25.2738, 0.4225, 0.4757



25.2738, 0.3418, 0.4984



25.2738, 0.2579, 0.4517

Triad

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



25.2738, 0.3418, 0.4984



25.2738, 0.1654, 0.2125



25.2738, 0.4411, 0.2916

Complementary

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



25.2738, 0.3418, 0.4984



8.5553, 0.2560, 0.1641

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.



25.2738, 0.3520, 0.2396



25.2738, 0.3418, 0.4984



25.2738, 0.1982, 0.1951

Square

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



25.2738, 0.3418, 0.4984



25.2738, 0.1632, 0.2643



25.2738, 0.2622, 0.2056



25.2738, 0.4895, 0.3532

Rectangle

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



25.2738, 0.3418, 0.4984



25.2738, 0.2117, 0.3879



25.2738, 0.2622, 0.2056



25.2738, 0.4141, 0.2728

Sweetspot

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



25.2749, 0.3418, 0.4984



51.6183, 0.3237, 0.3755



17.3165, 0.4408, 0.4067



11.6174, 0.3253, 0.3830



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.



25.2749, 0.3418, 0.4984



43.8837, 0.3421, 0.5323



23.3985, 0.3028, 0.5171



7.0598, 0.3183, 0.3515



19.9696, 0.3337, 0.5732



0.3199, 0.3676, 0.5463

Inverse Universe

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



8.5553, 0.2560, 0.1641



11.2497, 0.2395, 0.1321



11.8944, 0.3214, 0.1932



6.1803, 0.3067, 0.3066



3.3874, 0.2110, 0.0936



0.0723, 0.2574, 0.1192

Previews

White Background



This preview shows how the Yxy color 25.2738, 0.3418, 0.4984 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 25.2738, 0.3418, 0.4984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

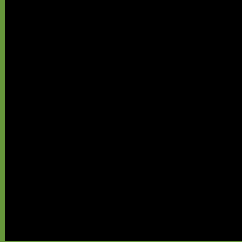
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2738, 0.3418, 0.4984

Background



This preview shows how black text looks on a background with the Yxy color 25.2738, 0.3418, 0.4984.



This preview shows how white text looks on a background with the Yxy color 25.2738, 0.3418, 0.4984.

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

25.2738, 0.3418, 0.4984

Protanopia

24.9395, 0.4145, 0.4539

Deuteranopia

25.0493, 0.4312, 0.4247



Tritanopia

25.3589, 0.2765, 0.3099

Trichromacy



Original Color

25.2738, 0.3418, 0.4984

Protanomaly

24.6999, 0.3861, 0.4717

Deuteranomaly

24.5556, 0.3973, 0.4504

Tritanomaly

24.9622, 0.3023, 0.3771

Monochromacy



Original Color

25.2738, 0.3418, 0.4984

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.0692, 0.3266, 0.3918

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2738, 0.3418, 0.4984 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(102, 151, 59)` looks like.

```
.text, #text, p{  
    color:rgb(102, 151, 59)  
}
```

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(102, 151, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 151, 59) }
```

Border

The CSS property to change the border of an element to Yxy 25.2738, 0.3418, 0.4984 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(102, 151, 59) }
```

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

```
.border{ border-color:rgb(102, 151, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 151, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 151, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 151, 59);  
box-shadow:4px 4px 4px 4px rgb(102, 151,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2738, 0.3418, 0.4984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 151, 59) }
```

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

```
.background{ background-color: rgb(102,  
151, 59) }
```

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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