

Converting Colors

$Y_{xy}(27.4848, 0.3658, 0.4133)$

Have a look what the booklet for
Yxy(27.4848, 0.3658, 0.4133)
contains.

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Color

Yxy(27.5690, 0.3657, 0.4144)

Conversions

Conversions Part 1

Format	Color
Hex	93925E
RGB	147, 146, 94
RGB Percent	58%, 57%, 37%
CMY	0.4236, 0.4274, 0.6314
CMYK	0.00, 0.01, 0.36, 0.42
HSL	59°, 22%, 47%
HSV	59°, 36%, 58%
XYZ	24.3291, 27.5690, 14.6294
YIQ	140.3710, 17.2880, -15.9600

Conversions

Conversions Part 2

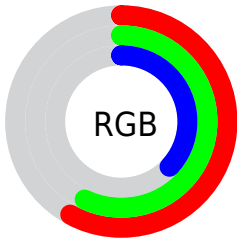
Format	Color
RYB	95, 147, 94
Decimal	9671262
CIELab	59.50, -7.95, 27.73
CIELCh	59, 28.850, 106.000
Yxy	27.5690, 0.3657, 0.4144
Android (android.graphics.Color)	4287861342 (0xFF93925E)
YUV	140.3710, -22.8609, 5.8136
Hunter-Lab	52.5062, -9.1766, 20.2348

Details

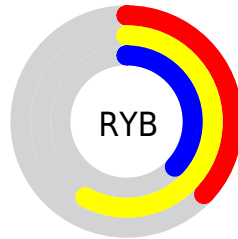
The Yxy color $27.5690, 0.3657, 0.4144$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.6652, 0.2498, 0.2264$, and the grayscale version is $26.4627, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.9094, 0.3556, 0.3966$, and $11.0039, 0.3806, 0.4448$ is the 20% darker color. If you saturate the color by 10%, you get $27.2483, 0.3796, 0.4366$, and if you desaturate by 10%, it is $27.9426, 0.3510, 0.3908$.

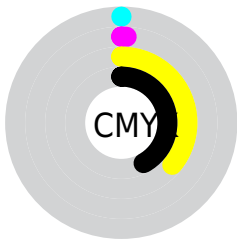
Distribution



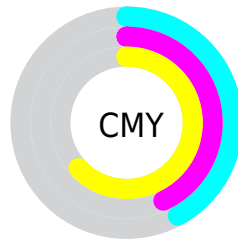
- Red (58%)
- Green (57%)
- Blue (37%)



- Red (37%)
- Yellow (58%)
- Blue (37%)



- Cyan (0%)
- Magenta (1%)
- Yellow (36%)
- Black (42%)





- Cyan (42%)
- Magenta (43%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5690, 0.3657, 0.4144 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 27.5690, 0.3657, 0.4144 by changing the saturation by 10% instead.


 27.5690, 0.3657,
0.4144


 27.5690, 0.3657,
0.4144


290.4017, 0.3378,
0.3676

 18.0010, 0.3728,
0.4274


 55.7956, 0.3554,
0.3964

 10.9507, 0.3819,
0.4447


 75.2230, 0.3515,
0.3900

 6.0337, 0.3934,
0.4687

 98.7056, 0.3483,
0.3846

 2.8656, 0.4146,
0.5119

 126.6280, 0.3456,
0.3801

 1.0620, 0.4312,
0.5688

159.3743, 0.3433,
0.3763

 0.0000, 0.0000,
0.0000

197.3291, 0.3412,

0.3730

240.8768, 0.3394,
0.3701

■ 27.5690, 0.3657,
0.4144

■ 27.5690, 0.3657,
0.4144

■ 27.2483, 0.3796,
0.4366

■ 27.9426, 0.3510,
0.3908

■ 26.9739, 0.3922,
0.4566

■ 28.3681, 0.3361,
0.3668

■ 26.7440, 0.4030,
0.4736


■ 28.8491, 0.3214,
0.3430

■ 26.5550, 0.4115,
0.4868

■ 29.3880, 0.3072,
0.3200

■ 26.4028, 0.4176,
0.4958


■ 29.9868, 0.2938,
0.2982

 26.2814, 0.4212,
0.5011

 30.6477, 0.2812,
0.2778

 26.2364, 0.4225,
0.5028

 31.3726, 0.2697,
0.2590

 32.1633, 0.2591,
0.2417

 33.0218, 0.2495,
0.2260

Harmonies

Analogous

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



27.5690, 0.3989, 0.3938



27.5690, 0.3657, 0.4144



27.5690, 0.3197, 0.4099

Triad

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



27.5690, 0.3657, 0.4144



27.5690, 0.2255, 0.2871



27.5690, 0.3487, 0.2865

Complementary

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



27.5690, 0.3657, 0.4144



12.6652, 0.2498, 0.2264

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.



27.5690, 0.2997, 0.2620



27.5690, 0.3657, 0.4144



27.5690, 0.2317, 0.2602

Square

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



27.5690, 0.3657, 0.4144



27.5690, 0.2403, 0.3302



27.5690, 0.2577, 0.2522



27.5690, 0.3898, 0.3209

Rectangle

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



27.5690, 0.3657, 0.4144



27.5690, 0.2884, 0.3910



27.5690, 0.2577, 0.2522



27.5690, 0.3325, 0.2769

Sweetspot

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



27.5702, 0.3657, 0.4144



51.2222, 0.3290, 0.3553



15.0475, 0.3930, 0.3261



11.6692, 0.3307, 0.3582



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.



27.5702, 0.3657, 0.4144



48.9308, 0.3767, 0.4320



25.8253, 0.3372, 0.4245



6.7267, 0.3260, 0.3505



22.7571, 0.4224, 0.5028



0.2832, 0.4208, 0.5041

Inverse Universe

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



12.6652, 0.2498, 0.2264



18.2879, 0.2336, 0.1999



14.0146, 0.2794, 0.2325



5.6489, 0.2989, 0.3066



1.8809, 0.1505, 0.0616



0.0264, 0.1527, 0.0696

Previews

White Background



This preview shows how the Yxy color 27.5690, 0.3657, 0.4144 looks on a white background.

Color Contrast Check

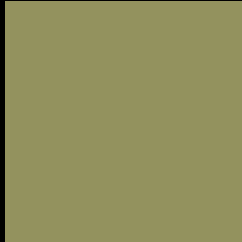
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5690, 0.3657, 0.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

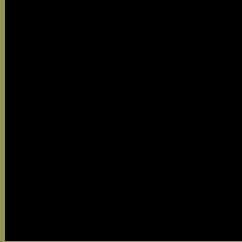
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5690, 0.3657, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 27.5690, 0.3657, 0.4144.



This preview shows how white text looks on a background with the Yxy color 27.5690, 0.3657, 0.4144.

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

27.5690, 0.3657, 0.4144

Protanopia

27.5032, 0.3788, 0.4085

Deuteranopia

27.5065, 0.3983, 0.3903



Tritanopia

27.5373, 0.3179, 0.3119

Trichromacy



Original Color

27.5690, 0.3657, 0.4144

Protanomaly

27.5091, 0.3748, 0.4110

Deuteranomaly

27.3689, 0.3868, 0.3988

Tritanomaly

27.5370, 0.3348, 0.3484

Monochromacy



Original Color

27.5690, 0.3657, 0.4144

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6157, 0.3331, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5690, 0.3657, 0.4144 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(147, 146, 94)` looks like.

```
.text, #text, p{  
    color:rgb(147, 146, 94)  
}
```

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(147, 146, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 146, 94) }
```

Border

The CSS property to change the border of an element to Yxy 27.5690, 0.3657, 0.4144 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(147, 146, 94) }
```

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

```
.border{ border-color:rgb(147, 146, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 146, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 146, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 146, 94);  
box-shadow:4px 4px 4px 4px rgb(147, 146,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5690, 0.3657, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 146, 94) }
```

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

```
.background{ background-color: rgb(147,  
146, 94) }
```

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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