

Converting Colors

$Yxy(27.4445, 0.3095, 0.4355)$

Have a look what the booklet for
Yxy(27.4445, 0.3095, 0.4355)
contains.

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Color

$\text{Yxy}(27.4445, 0.3095, 0.4355)$

Conversions

Conversions Part 1

Format	Color
Hex	659C63
RGB	101, 156, 99
RGB Percent	40%, 61%, 39%
CMY	0.6040, 0.3882, 0.6118
CMYK	0.35, 0.00, 0.37, 0.39
HSL	118°, 22%, 50%
HSV	118°, 37%, 61%
XYZ	19.5042, 27.4445, 16.0697
YIQ	133.0570, -14.4830, -29.3870

Conversions

Conversions Part 2

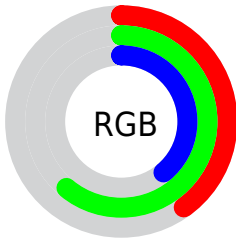
Format	Color
R_{YB}	99, 156, 154
Decimal	6659171
CIE _{Lab}	59.38, -30.01, 24.28
CIE _{LCh}	59, 38.603, 141.028
Yxy	27.4445, 0.3095, 0.4355
Android (android.graphics.Color)	4284849251 (0xFF659C63)
YUV	133.0570, -16.7901, -28.1140
Hunter-Lab	52.3875, -25.2215, 18.4842

Details

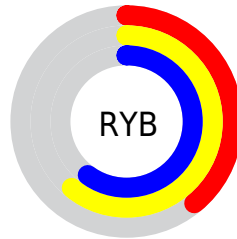
The Yxy color $27.4445, 0.3095, 0.4355$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.1942, 0.3143, 0.2403$, and the grayscale version is $23.5412, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.6606, 0.3117, 0.4118$, and $10.8178, 0.3045, 0.4800$ is the 20% darker color. If you saturate the color by 10%, you get $26.3849, 0.3082, 0.4701$, and if you desaturate by 10%, it is $28.7234, 0.3106, 0.4025$.

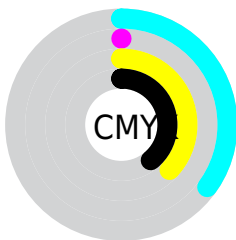
Distribution



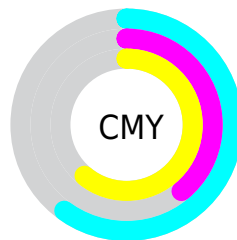
- Red (40%)
- Green (61%)
- Blue (39%)



- Red (39%)
- Yellow (61%)
- Blue (60%)



- Cyan (35%)
- Magenta (0%)
- Yellow (37%)
- Black (39%)




- Cyan (60%)
- Magenta (39%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4445, 0.3095, 0.4355 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 27.4445, 0.3095, 0.4355 by changing the saturation by 10% instead.


 27.4445, 0.3095,
0.4355

 27.4445, 0.3095,
0.4355

289.8029, 0.3130,
0.3747


 17.9073, 0.3076,
0.4537


 55.5963, 0.3114,
0.4113

 10.8835, 0.3044,
0.4792


 74.9798, 0.3119,
0.4028

 5.9885, 0.2982,
0.5171

 98.4141, 0.3123,
0.3960

 2.8381, 0.2867,
0.5822

 126.2837, 0.3125,
0.3903

 1.0478, 0.1956,
0.8044

158.9730, 0.3127,
0.3854

 0.0000, 0.0000,
0.0000

196.8664, 0.3128,

0.3813

240.3482, 0.3129,
0.3778

■ 27.4445, 0.3095,
0.4355

■ 27.4445, 0.3095,
0.4355

■ 26.3849, 0.3082,
0.4701

■ 28.7234, 0.3106,
0.4025

■ 25.5289, 0.3067,
0.5046

■ 30.2291, 0.3116,
0.3722

■ 24.8646, 0.3051,
0.5368


■ 31.9731, 0.3123,
0.3450


■ 24.3771, 0.3035,
0.5639


■ 33.9652, 0.3129,
0.3211


■ 24.0496, 0.3021,
0.5839

■ 36.2146, 0.3134,
0.3003


 23.8605, 0.3010,
0.5959

 38.7300, 0.3137,
0.2823

 23.8152, 0.3009,
0.5993

 41.5196, 0.3140,
0.2668

 44.5914, 0.3142,
0.2535

 47.9530, 0.3143,
0.2420

Harmonies

Analogous

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



27.4445, 0.3715, 0.4454



27.4445, 0.3095, 0.4355



27.4445, 0.2516, 0.3849

Triad

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



27.4445, 0.3095, 0.4355



27.4445, 0.2112, 0.2351



27.4445, 0.4231, 0.3247

Complementary

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



27.4445, 0.3095, 0.4355



18.1942, 0.3143, 0.2403

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.



27.4445, 0.3711, 0.2799



27.4445, 0.3095, 0.4355



27.4445, 0.2479, 0.2301

Square

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



27.4445, 0.3095, 0.4355



27.4445, 0.1990, 0.2643



27.4445, 0.3052, 0.2464



27.4445, 0.4410, 0.3738

Rectangle

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



27.4445, 0.3095, 0.4355



27.4445, 0.2228, 0.3401



27.4445, 0.3052, 0.2464



27.4445, 0.4088, 0.3089

Sweetspot

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



27.4457, 0.3095, 0.4355



56.5316, 0.3120, 0.3573



30.8038, 0.3676, 0.4135



12.3535, 0.3119, 0.3607



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.4457, 0.3095, 0.4355



48.2131, 0.3084, 0.4643



27.9037, 0.2869, 0.3865



7.4115, 0.3121, 0.3520



19.6170, 0.3010, 0.5992



0.3536, 0.3060, 0.5953

Inverse Universe

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



18.1942, 0.3143, 0.2403



28.8491, 0.3144, 0.2213



17.6109, 0.3511, 0.2782



6.7428, 0.3132, 0.3069



7.3662, 0.3124, 0.1495



0.1350, 0.3161, 0.1515

Previews

White Background



This preview shows how the Yxy color 27.4445, 0.3095, 0.4355 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 27.4445, 0.3095, 0.4355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

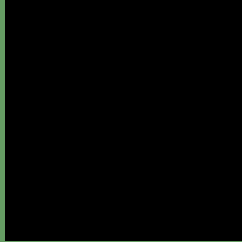
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4445, 0.3095, 0.4355

Background



This preview shows how black text looks on a background with the Yxy color 27.4445, 0.3095, 0.4355.



This preview shows how white text looks on a background with the Yxy color 27.4445, 0.3095, 0.4355.

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

27.4445, 0.3095, 0.4355

Protanopia

27.1049, 0.3783, 0.4074

Deuteranopia

27.0226, 0.3877, 0.3794



Tritanopia

27.4777, 0.2685, 0.3103

Trichromacy



Original Color

27.4445, 0.3095, 0.4355

Protanomaly

26.8446, 0.3506, 0.4184

Deuteranomaly

26.5335, 0.3557, 0.3978

Tritanomaly

27.4796, 0.2833, 0.3538

Monochromacy



Original Color

27.4445, 0.3095, 0.4355

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.4952, 0.3110, 0.3652

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4445, 0.3095, 0.4355 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(101, 156, 99)` looks like.

```
.text, #text, p{  
    color:rgb(101, 156, 99)  
}
```

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(101, 156, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 156, 99) }
```

Border

The CSS property to change the border of an element to Yxy 27.4445, 0.3095, 0.4355 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(101, 156, 99) }
```

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

```
.border{ border-color:rgb(101, 156, 99) }
```

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

Here you see how a box with a 4 pixel rgb(101, 156, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 156, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 156, 99);  
box-shadow:4px 4px 4px 4px rgb(101, 156,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4445, 0.3095, 0.4355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 156, 99) }
```

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

```
.background{ background-color: rgb(101,  
156, 99) }
```

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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