

Converting Colors

$Yxy(28.0423, 0.3184, 0.4224)$

Have a look what the booklet for
Yxy(28.0423, 0.3184, 0.4224)
contains.

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Color

Yxy(27.9994, 0.3187, 0.4227)

Conversions

Conversions Part 1

Format	Color
Hex	729B67
RGB	114, 155, 103
RGB Percent	45%, 61%, 40%
CMY	0.5529, 0.3922, 0.5960
CMYK	0.26, 0.00, 0.34, 0.39
HSL	107°, 21%, 51%
HSV	107°, 34%, 61%
XYZ	21.1105, 27.9994, 17.1295
YIQ	136.8130, -7.7440, -24.8640

Conversions

Conversions Part 2

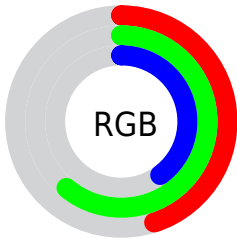
Format	Color
RYB	103, 155, 144
Decimal	7510887
CIELab	59.89, -24.30, 22.87
CIElCh	60, 33.375, 136.735
Yxy	27.9994, 0.3187, 0.4227
Android (android.graphics.Color)	4285700967 (0xFF729B67)
YUV	136.8130, -16.6698, -20.0070
Hunter-Lab	52.9145, -21.3868, 17.8467

Details

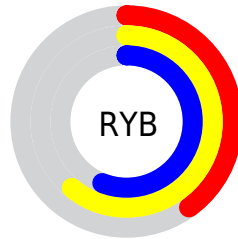
The Yxy color $27.9994, 0.3187, 0.4227$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.0026, 0.3027, 0.2446$, and the grayscale version is $25.0100, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.6418, 0.3187, 0.4029$, and $11.2665, 0.3178, 0.4617$ is the 20% darker color. If you saturate the color by 10%, you get $26.9518, 0.3195, 0.4552$, and if you desaturate by 10%, it is $29.2167, 0.3173, 0.3918$.

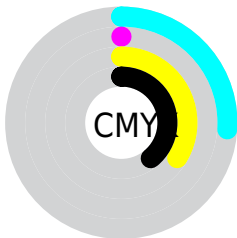
Distribution



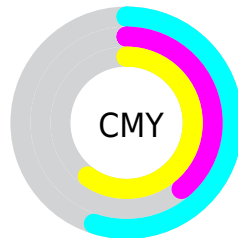
- Red (45%)
- Green (61%)
- Blue (40%)



- Red (40%)
- Yellow (61%)
- Blue (56%)



- Cyan (26%)
- Magenta (0%)
- Yellow (34%)
- Black (39%)



- Cyan (55%)
- Magenta (39%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9994, 0.3187, 0.4227 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 27.9994, 0.3187, 0.4227 by changing the saturation by 10% instead.


 27.9994, 0.3187,
0.4227


 27.9994, 0.3187,
0.4227


292.4640, 0.3168,
0.3697


 18.3252, 0.3186,
0.4383


 56.4835, 0.3184,
0.4018

 11.1837, 0.3178,
0.4600


 76.0622, 0.3181,
0.3944

 6.1905, 0.3156,
0.4920

 99.7111, 0.3179,
0.3884

 2.9613, 0.3096,
0.5439

 127.8148, 0.3176,
0.3834

 1.1116, 0.2869,
0.7131

160.7575, 0.3174,
0.3792

 0.0000, 0.0000,
0.0000

198.9237, 0.3172,

0.3756

242.6977, 0.3170,
0.3725

■ 27.9994, 0.3187,
0.4227

■ 27.9994, 0.3187,
0.4227

■ 26.9518, 0.3195,
0.4552

■ 29.2167, 0.3173,
0.3918

■ 26.0627, 0.3196,
0.4881

■ 30.6071, 0.3155,
0.3632

■ 25.3253, 0.3188,
0.5196


■ 32.1785, 0.3135,
0.3374

■ 24.7307, 0.3169,
0.5476

■ 33.9370, 0.3113,
0.3144


■ 24.2692, 0.3140,
0.5702

■ 35.8887, 0.3092,
0.2941

 23.9294, 0.3104,
0.5859

 38.0392, 0.3070,
0.2763

 23.7623, 0.3082,
0.5935

 40.3940, 0.3050,
0.2607

 42.9583, 0.3031,
0.2471

 45.7372, 0.3012,
0.2352

Harmonies

Analogous

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



27.9994, 0.3716, 0.4275



27.9994, 0.3187, 0.4227



27.9994, 0.2668, 0.3842

Triad

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



27.9994, 0.3187, 0.4227



27.9994, 0.2211, 0.2498



27.9994, 0.4025, 0.3202

Complementary

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



27.9994, 0.3187, 0.4227



18.0026, 0.3027, 0.2446

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.



27.9994, 0.3553, 0.2814



27.9994, 0.3187, 0.4227



27.9994, 0.2508, 0.2419

Square

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



27.9994, 0.3187, 0.4227



27.9994, 0.2136, 0.2793



27.9994, 0.2988, 0.2535



27.9994, 0.4230, 0.3634

Rectangle

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



27.9994, 0.3187, 0.4227



27.9994, 0.2396, 0.3473



27.9994, 0.2988, 0.2535



27.9994, 0.3890, 0.3064

Sweetspot

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



28.0006, 0.3187, 0.4227



55.7165, 0.3148, 0.3543



27.8159, 0.3671, 0.3942



12.5300, 0.3151, 0.3578



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.



28.0006, 0.3187, 0.4227



48.7553, 0.3194, 0.4462



27.6300, 0.2960, 0.3975



6.9854, 0.3146, 0.3518



19.0999, 0.3087, 0.5931



0.2989, 0.3343, 0.5727

Inverse Universe

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



18.0026, 0.3027, 0.2446



28.1240, 0.2997, 0.2261



18.5754, 0.3352, 0.2693



6.2578, 0.3105, 0.3068



5.2553, 0.2691, 0.1256



0.0933, 0.2938, 0.1392

Previews

White Background



This preview shows how the Yxy color 27.9994, 0.3187, 0.4227 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 27.9994, 0.3187, 0.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

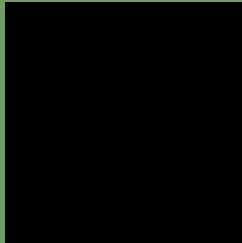
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9994, 0.3187, 0.4227

Background



This preview shows how black text looks on a background with the Yxy color 27.9994, 0.3187, 0.4227.



This preview shows how white text looks on a background with the Yxy color 27.9994, 0.3187, 0.4227.

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

27.9994, 0.3187, 0.4227

Protanopia

27.8963, 0.3732, 0.4022

Deuteranopia

27.7845, 0.3833, 0.3761



Tritanopia

28.0030, 0.2787, 0.3091

Trichromacy



Original Color

27.9994, 0.3187, 0.4227

Protanomaly

27.7626, 0.3522, 0.4095

Deuteranomaly

27.4712, 0.3581, 0.3911

Tritanomaly

27.9904, 0.2932, 0.3496

Monochromacy



Original Color

27.9994, 0.3187, 0.4227

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

26.0943, 0.3154, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9994, 0.3187, 0.4227 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(114, 155, 103)` looks like.

```
.text, #text, p{  
    color:rgb(114, 155, 103)  
}
```

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(114, 155, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 155, 103) }
```

Border

The CSS property to change the border of an element to Yxy 27.9994, 0.3187, 0.4227 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(114, 155, 103) }
```

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

```
.border{ border-color:rgb(114, 155, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 155, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 155, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 155, 103);  
box-shadow:4px 4px 4px 4px rgb(114, 155,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9994, 0.3187, 0.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 155, 103) }
```

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

```
.background{ background-color: rgb(114,  
155, 103) }
```

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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