

Converting Colors

$Yxy(26.9329, 0.3327, 0.4076)$

Have a look what the booklet for
Yxy(26.9329, 0.3327, 0.4076)
contains.

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Color

$\text{Yxy}(27.0064, 0.3325, 0.4082)$

Conversions

Conversions Part 1

Format	Color
Hex	7F9568
RGB	127, 149, 104
RGB Percent	50%, 58%, 41%
CMY	0.5020, 0.4157, 0.5921
CMYK	0.15, 0.00, 0.30, 0.42
HSL	89°, 18%, 50%
HSV	89°, 30%, 58%
XYZ	21.9981, 27.0064, 17.1552
YIQ	137.2920, 1.3330, -18.6590

Conversions

Conversions Part 2

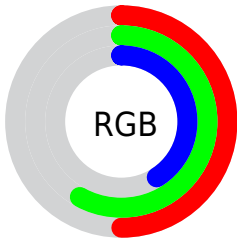
Format	Color
RYB	104, 149, 126
Decimal	8361320
CIELab	58.98, -16.20, 21.26
CIELCh	59, 26.728, 127.321
Yxy	27.0064, 0.3325, 0.4082
Android (android.graphics.Color)	4286551400 (0xFF7F9568)
YUV	137.2920, -16.4130, -9.0261
Hunter-Lab	51.9677, -15.3837, 16.8050

Details

The Yxy color $27.0064, 0.3325, 0.4082$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.5133, 0.2871, 0.2497$, and the grayscale version is $25.1959, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7817, 0.3292, 0.3912$, and $10.5987, 0.3379, 0.4398$ is the 20% darker color. If you saturate the color by 10%, you get $26.1912, 0.3381, 0.4371$, and if you desaturate by 10%, it is $27.9180, 0.3262, 0.3802$.

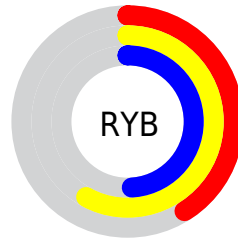
Distribution



Red (50%)

Green (58%)

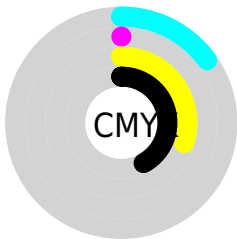
Blue (41%)



Red (41%)

Yellow (58%)

Blue (49%)

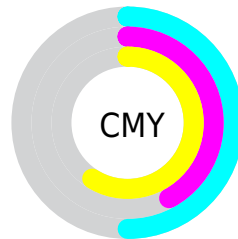


Cyan (15%)

Magenta (0%)

Yellow (30%)

Black (42%)



Cyan (50%)

Magenta (42%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0064, 0.3325, 0.4082 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 27.0064, 0.3325, 0.4082 by changing the saturation by 10% instead.

 27.0064, 0.3325,
0.4082


 27.0064, 0.3325,
0.4082


287.6881, 0.3226,
0.3637

 17.5780, 0.3348,
0.4212


 54.8941, 0.3290,
0.3907

 10.6475, 0.3375,
0.4392


 74.1223, 0.3276,
0.3845

 5.8303, 0.3406,
0.4655

 97.3858, 0.3265,
0.3795

 2.7422, 0.3433,
0.5081

 125.0692, 0.3255,
0.3753

 0.9987, 0.3549,
0.6451

157.5566, 0.3246,
0.3717

 0.0000, 0.0000,
0.0000

195.2327, 0.3239,

0.3687

238.4817, 0.3232,
0.3660

■ 27.0064, 0.3325,
0.4082

■ 27.0064, 0.3325,
0.4082

■ 26.1912, 0.3381,
0.4371

■ 27.9180, 0.3262,
0.3802

■ 25.4652, 0.3427,
0.4661

■ 28.9259, 0.3196,
0.3539

■ 24.8256, 0.3458,
0.4939

■ 30.0346, 0.3128,
0.3294


■ 24.2681, 0.3471,
0.5191


■ 31.2470, 0.3062,
0.3071


■ 23.7880, 0.3463,
0.5404


■ 32.5662, 0.2999,
0.2870

 23.3796, 0.3434,
0.5568

 33.9949, 0.2939,
0.2688

 23.0363, 0.3392,
0.5689

 35.5358, 0.2882,
0.2526

 37.1916, 0.2829,
0.2381

 38.9646, 0.2780,
0.2252

Harmonies

Analogous

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



27.0064, 0.3731, 0.4052



27.0064, 0.3325, 0.4082



27.0064, 0.2884, 0.3850

Triad

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



27.0064, 0.3325, 0.4082



27.0064, 0.2330, 0.2702



27.0064, 0.3752, 0.3116

Complementary

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



27.0064, 0.3325, 0.4082



16.5133, 0.2871, 0.2497

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.



27.0064, 0.3333, 0.2812



27.0064, 0.3325, 0.4082



27.0064, 0.2524, 0.2573

Square

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



27.0064, 0.3325, 0.4082



27.0064, 0.2330, 0.3006



27.0064, 0.2882, 0.2618



27.0064, 0.3996, 0.3473

Rectangle

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



27.0064, 0.3325, 0.4082



27.0064, 0.2629, 0.3582



27.0064, 0.2882, 0.2618



27.0064, 0.3625, 0.3006

Sweetspot

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



27.0076, 0.3325, 0.4082



51.9905, 0.3189, 0.3513



22.2512, 0.3672, 0.3660



11.4657, 0.3198, 0.3547



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.



27.0076, 0.3325, 0.4082



47.3887, 0.3363, 0.4271



25.4858, 0.3095, 0.4141



6.6052, 0.3189, 0.3513



19.4046, 0.3397, 0.5685



0.2550, 0.3736, 0.5416

Inverse Universe

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



16.5133, 0.2871, 0.2497



25.5965, 0.2801, 0.2308



18.3947, 0.3152, 0.2561



5.7639, 0.3061, 0.3066



3.0335, 0.2026, 0.0890



0.0546, 0.2518, 0.1161

Previews

White Background



This preview shows how the Yxy color 27.0064, 0.3325, 0.4082 looks on a white background.

Color Contrast Check

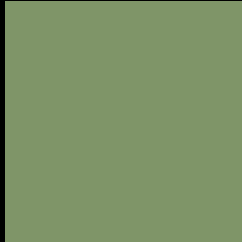
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0064, 0.3325, 0.4082 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 27.0064, 0.3325, 0.4082

Background



This preview shows how black text looks on a background with the Yxy color 27.0064, 0.3325, 0.4082.



This preview shows how white text looks on a background with the Yxy color 27.0064, 0.3325, 0.4082.

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

27.0064, 0.3325, 0.4082

Protanopia

27.0579, 0.3677, 0.3954

Deuteranopia

26.8853, 0.3808, 0.3737



Tritanopia

27.0463, 0.2930, 0.3109

Trichromacy



Original Color

27.0064, 0.3325, 0.4082

Protanomaly

27.1394, 0.3548, 0.4008

Deuteranomaly

26.7658, 0.3617, 0.3861

Tritanomaly

26.8537, 0.3068, 0.3443

Monochromacy



Original Color

27.0064, 0.3325, 0.4082

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.5170, 0.3201, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0064, 0.3325, 0.4082 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(127, 149, 104)` looks like.

```
.text, #text, p{  
    color:rgb(127, 149, 104)  
}
```

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(127, 149, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 149, 104) }
```

Border

The CSS property to change the border of an element to Yxy 27.0064, 0.3325, 0.4082 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(127, 149, 104) }
```

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

```
.border{ border-color:rgb(127, 149, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 149, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 149, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 149, 104);  
box-shadow:4px 4px 4px 4px rgb(127, 149,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0064, 0.3325, 0.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 149, 104) }
```

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

```
.background{ background-color: rgb(127,  
149, 104) }
```

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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