

Converting Colors

$Yxy(27.3407, 0.3066, 0.3564)$

Have a look what the booklet for
Yxy(27.3407, 0.3066, 0.3564)
contains.

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Color

Yxy(27.3578, 0.3063, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	7F9484
RGB	127, 148, 132
RGB Percent	50%, 58%, 52%
CMY	0.5020, 0.4196, 0.4823
CMYK	0.14, 0.00, 0.11, 0.42
HSL	134°, 9%, 54%
HSV	134°, 14%, 58%
XYZ	23.5055, 27.3578, 25.8767
YIQ	139.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

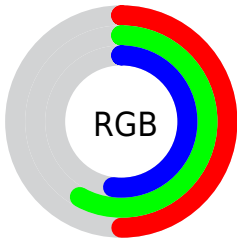
Format	Color
R_{YB}	127, 144, 148
Decimal	8361092
CIE _{Lab}	59.30, -10.74, 5.95
CIE _{LCh}	59, 12.281, 151.015
Yxy	27.3578, 0.3063, 0.3565
Android (android.graphics.Color)	4286551172 (0xFF7F9484)
YUV	139.8970, -3.8932, -11.3107
Hunter-Lab	52.3047, -11.3162, 7.2807

Details

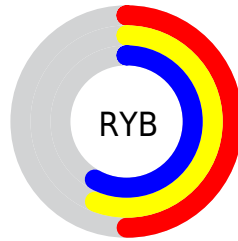
The Yxy color **27.3578, 0.3063, 0.3565** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4520, 0.3198, 0.3030**, and the grayscale version is **26.2005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4471, 0.3079, 0.3505**, and **10.7936, 0.3037, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **26.0132, 0.3018, 0.3787**, and if you desaturate by 10%, it is **28.9049, 0.3108, 0.3367**.

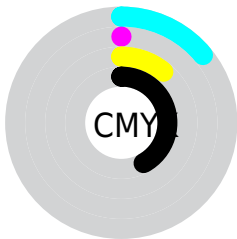
Distribution



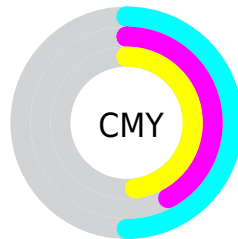
- Red (50%)
- Green (58%)
- Blue (52%)



- Red (50%)
- Yellow (56%)
- Blue (58%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (42%)



- Cyan (50%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3578, 0.3063, 0.3565 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 27.3578, 0.3063, 0.3565 by changing the saturation by 10% instead.

■ 27.3578, 0.3063,
0.3565

■ 27.3578, 0.3063,
0.3565

289.3854, 0.3099,
0.3413

■ 17.8421, 0.3052,
0.3609

■ 55.4575, 0.3077,
0.3506

■ 10.8367, 0.3037,
0.3670

■ 74.8103, 0.3082,
0.3485

■ 5.9571, 0.3015,
0.3759

■ 98.2109, 0.3086,
0.3467

■ 2.8190, 0.2977,
0.3902

126.0438, 0.3090,
0.3453

■ 1.0380, 0.2913,
0.4219

158.6933, 0.3093,
0.3441

■ 0.0000, 0.0000,
0.0000

196.5438, 0.3095,

0.3430

239.9797, 0.3097,
0.3421

■ 27.3578, 0.3063,
0.3565

■ 27.3578, 0.3063,
0.3565

■ 26.0132, 0.3018,
0.3787

■ 28.9049, 0.3108,
0.3367

■ 24.8594, 0.2976,
0.4032

■ 30.6588, 0.3153,
0.3191

■ 23.8886, 0.2939,
0.4297

■ 32.6281, 0.3196,
0.3037

■ 23.0911, 0.2909,
0.4575

■ 34.8199, 0.3237,
0.2903

■ 22.4566, 0.2888,
0.4858

■ 37.2407, 0.3276,
0.2787

■ 21.9733, 0.2881,
0.5131

■ 39.8971, 0.3312,
0.2685

■ 21.6280, 0.2887,
0.5382

■ 42.7952, 0.3346,
0.2597

■ 21.4045, 0.2906,
0.5595

■ 45.9410, 0.3378,
0.2520

■ 21.3063, 0.2917,
0.5701

■ 48.3434, 0.3362,
0.2441

Harmonies

Analogous

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



27.3578, 0.3269, 0.3648



27.3578, 0.3063, 0.3565



27.3578, 0.2879, 0.3400

Triad

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



27.3578, 0.3063, 0.3565



27.3578, 0.2817, 0.2958



27.3578, 0.3506, 0.3352

Complementary

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



27.3578, 0.3063, 0.3565



23.4520, 0.3198, 0.3030

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.



27.3578, 0.3377, 0.3179



27.3578, 0.3063, 0.3565



27.3578, 0.2977, 0.2956

Square

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



27.3578, 0.3063, 0.3565



27.3578, 0.2740, 0.3048



27.3578, 0.3182, 0.3036



27.3578, 0.3529, 0.3516

Rectangle

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



27.3578, 0.3063, 0.3565



27.3578, 0.2791, 0.3271



27.3578, 0.3182, 0.3036



27.3578, 0.3474, 0.3293

Sweetspot

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



27.3590, 0.3063, 0.3565



51.0328, 0.3109, 0.3364



28.5626, 0.3280, 0.3636



11.6032, 0.3106, 0.3377



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.



27.3590, 0.3063, 0.3565



47.4874, 0.3049, 0.3632



27.6576, 0.2968, 0.3384



6.4899, 0.3086, 0.3463



18.2007, 0.2914, 0.5691



0.2268, 0.2708, 0.4949

Inverse Universe

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



23.4520, 0.3198, 0.3030



39.2531, 0.3216, 0.2971



23.1518, 0.3316, 0.3198



5.8857, 0.3171, 0.3123



6.3918, 0.3906, 0.1925



0.0828, 0.3525, 0.1716

Previews

White Background



This preview shows how the Yxy color 27.3578, 0.3063, 0.3565 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 27.3578, 0.3063, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

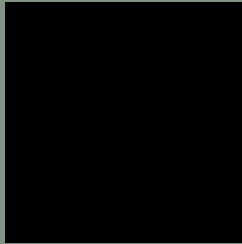
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

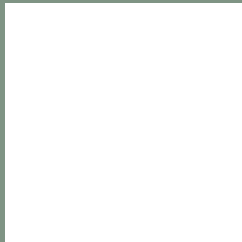
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.3578, 0.3063, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 27.3578, 0.3063, 0.3565.



This preview shows how white text looks on a background with the Yxy color 27.3578, 0.3063, 0.3565.

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

27.3578, 0.3063, 0.3565

Protanopia

27.2269, 0.3325, 0.3502

Deuteranopia

27.2691, 0.3405, 0.3353



Tritanopia

27.4764, 0.2884, 0.3109

Trichromacy



Original Color

27.3578, 0.3063, 0.3565

Protanomaly

27.1337, 0.3223, 0.3524

Deuteranomaly

27.2425, 0.3273, 0.3437

Tritanomaly

27.4102, 0.2955, 0.3273

Monochromacy



Original Color

27.3578, 0.3063, 0.3565

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6020, 0.3101, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3578, 0.3063, 0.3565 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, 148, 132)` looks like.

```
.text, #text, p{  
    color:rgb(127, 148, 132)  
}
```

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, 148, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 148, 132) }
```

Border

The CSS property to change the border of an element to Yxy 27.3578, 0.3063, 0.3565 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, 148, 132) }
```

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

```
.border{ border-color:rgb(127, 148, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 148, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 148, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 148, 132);  
box-shadow:4px 4px 4px 4px rgb(127, 148,  
132) }
```


Background

The CSS property to change the background color of an element to `rgb(27.3578, 0.3063, 0.3565)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 148, 132) }
```

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

```
.background{ background-color: rgb(127,  
148, 132) }
```

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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