

Converting Colors

$Yxy(27.0360, 0.2658, 0.3862)$

Have a look what the booklet for
Yxy(27.0360, 0.2658, 0.3862)
contains.

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Color

$Y_{xy}(27.0627, 0.2662, 0.3865)$

Conversions

Conversions Part 1

Format	Color
Hex	499D7F
RGB	73, 157, 127
RGB Percent	29%, 62%, 50%
CMY	0.7134, 0.3843, 0.5020
CMYK	0.53, 0.00, 0.19, 0.38
HSL	159°, 36%, 45%
HSV	159°, 53%, 62%
XYZ	18.6393, 27.0627, 24.3179
YIQ	128.4640, -40.4340, -27.1380

Conversions

Conversions Part 2

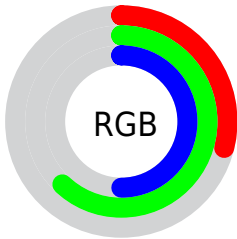
Format	Color
RYB	73, 124, 157
Decimal	4824447
CIELab	59.03, -32.92, 8.02
CIElCh	59, 33.887, 166.306
Yxy	27.0627, 0.2662, 0.3865
Android (android.graphics.Color)	4283014527 (0xFF499D7F)
YUV	128.4640, -0.7218, -48.6419
Hunter-Lab	52.0218, -27.0820, 8.6998

Details

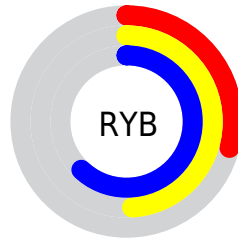
The Yxy color **27.0627, 0.2662, 0.3865** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.9236, 0.4072, 0.2808**, and the grayscale version is **21.7760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9714, 0.2762, 0.3732**, and **10.6855, 0.2486, 0.4094** is the 20% darker color. If you saturate the color by 10%, you get **26.3830, 0.2611, 0.3996**, and if you desaturate by 10%, it is **27.9076, 0.2728, 0.3739**.

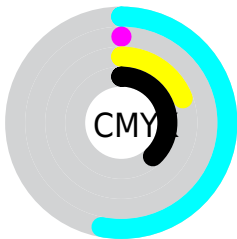
Distribution



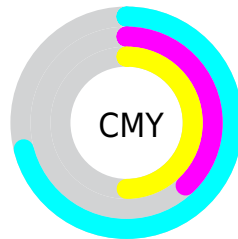
- Red (29%)
- Green (62%)
- Blue (50%)



- Red (29%)
- Yellow (49%)
- Blue (62%)



- Cyan (53%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)




- Cyan (71%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0627, 0.2662, 0.3865 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 27.0627, 0.2662, 0.3865 by changing the saturation by 10% instead.

 27.0627, 0.2662,
0.3865


 27.0627, 0.2662,
0.3865


287.9606, 0.2920,
0.3541


 17.6203, 0.2588,
0.3961


 54.9845, 0.2763,
0.3737


 10.6777, 0.2486,
0.4094


 74.2326, 0.2798,
0.3692

 5.8506, 0.2336,
0.4293

 97.5182, 0.2827,
0.3656

 2.7544, 0.2100,
0.4620

 125.2255, 0.2852,
0.3625

 1.0049, 0.0873,
0.5983

 157.7390, 0.2873,
0.3599

 0.0000, 0.0000,
0.0000

195.4431, 0.2891,

0.3577

238.7222, 0.2906,
0.3558

■ 27.0627, 0.2662,
0.3865

■ 27.0627, 0.2662,
0.3865

■ 26.3830, 0.2611,
0.3996

■ 27.9076, 0.2728,
0.3739

■ 25.8532, 0.2578,
0.4131

■ 28.9251, 0.2807,
0.3621

■ 25.4607, 0.2565,
0.4267

■ 30.1262, 0.2896,
0.3511

■ 25.1890, 0.2571,
0.4401

■ 31.5201, 0.2992,
0.3411

■ 25.0492, 0.2580,
0.4489

■ 33.1150, 0.3092,
0.3319

■ 34.9190, 0.3194,
0.3237

■ 36.9397, 0.3297,
0.3164

■ 39.1840, 0.3398,
0.3100

■ 41.6589, 0.3497,
0.3043

Harmonies

Analogous

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



27.0627, 0.3195, 0.4258



27.0627, 0.2662, 0.3865



27.0627, 0.2276, 0.3291

Triad

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



27.0627, 0.2662, 0.3865



27.0627, 0.2486, 0.2398



27.0627, 0.4259, 0.3634

Complementary

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



27.0627, 0.2662, 0.3865



12.9236, 0.4072, 0.2808

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.



27.0627, 0.4044, 0.3192



27.0627, 0.2662, 0.3865



27.0627, 0.2976, 0.2515

Square

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



27.0627, 0.2662, 0.3865



27.0627, 0.2187, 0.2481



27.0627, 0.3556, 0.2797



27.0627, 0.4135, 0.4042

Rectangle

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



27.0627, 0.2662, 0.3865



27.0627, 0.2141, 0.2935



27.0627, 0.3556, 0.2797



27.0627, 0.4225, 0.3486

Sweetspot

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



27.0638, 0.2662, 0.3865



55.7046, 0.2964, 0.3438



27.5281, 0.3318, 0.4820



12.1520, 0.2946, 0.3457



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.



27.0638, 0.2662, 0.3865



47.0650, 0.2604, 0.4020



24.3515, 0.2415, 0.3081



7.4692, 0.3034, 0.3371



20.3533, 0.2577, 0.4479



0.3717, 0.2429, 0.3943

Inverse Universe

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



12.9236, 0.4072, 0.2808



19.0193, 0.4413, 0.2733



14.0317, 0.4531, 0.3474



6.6834, 0.3231, 0.3210



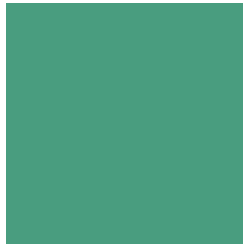
6.0613, 0.5497, 0.2802



0.1161, 0.4501, 0.2253

Previews

White Background



This preview shows how the Yxy color 27.0627, 0.2662, 0.3865 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 27.0627, 0.2662, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

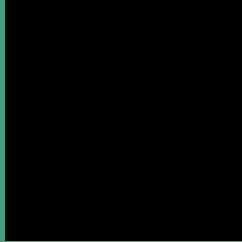
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0627, 0.2662, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 27.0627, 0.2662, 0.3865.

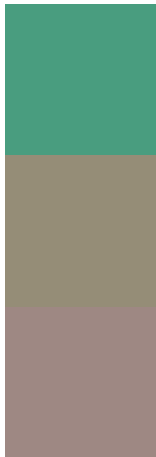


This preview shows how white text looks on a background with the Yxy color 27.0627, 0.2662, 0.3865.

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

27.0627, 0.2662, 0.3865

Protanopia

26.7712, 0.3444, 0.3652

Deuteranopia

26.5161, 0.3432, 0.3370



Tritanopia

27.0216, 0.2458, 0.3077

Trichromacy



Original Color

27.0627, 0.2662, 0.3865

Protanomaly

26.3375, 0.3096, 0.3735

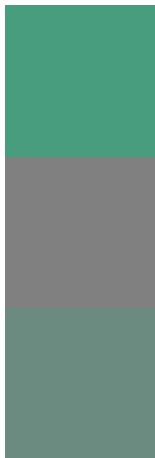
Deuteranomaly

26.0702, 0.3084, 0.3534

Tritanomaly

27.0510, 0.2527, 0.3343

Monochromacy



Original Color

27.0627, 0.2662, 0.3865

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

23.2119, 0.2908, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0627, 0.2662, 0.3865 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(73, 157, 127)` looks like.

```
.text, #text, p{  
    color:rgb(73, 157, 127)  
}
```

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(73, 157, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 157, 127) }
```

Border

The CSS property to change the border of an element to Yxy 27.0627, 0.2662, 0.3865 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(73, 157, 127) }
```

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

```
.border{ border-color:rgb(73, 157, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 157, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(73, 157, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(73, 157, 127); box-shadow:4px 4px 4px 4px rgb(73, 157, 127) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 27.0627, 0.2662, 0.3865$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 157, 127) }
```

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

```
.background{ background-color: rgb(73, 157,  
127) }
```

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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