

Converting Colors

$Yxy(27.4461, 0.2584, 0.3755)$

Have a look what the booklet for
Yxy(27.4461, 0.2584, 0.3755)
contains.

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Color

$Y_{xy}(27.3682, 0.2579, 0.3746)$

Conversions

Conversions Part 1

Format	Color
Hex	439E86
RGB	67, 158, 134
RGB Percent	26%, 62%, 53%
CMY	0.7375, 0.3804, 0.4744
CMYK	0.58, 0.00, 0.15, 0.38
HSL	164°, 40%, 44%
HSV	164°, 58%, 62%
XYZ	18.8421, 27.3682, 26.8495
YIQ	128.0550, -46.5320, -26.7560

Conversions

Conversions Part 2

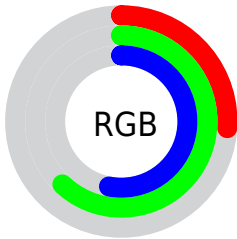
Format	Color
RYB	67, 119, 158
Decimal	4431494
CIELab	59.31, -33.09, 4.43
CIElCh	59, 33.382, 172.366
Yxy	27.3682, 0.2579, 0.3746
Android (android.graphics.Color)	4282621574 (0xFF439E86)
YUV	128.0550, 2.9309, -53.5452
Hunter-Lab	52.3146, -27.2604, 6.1908

Details

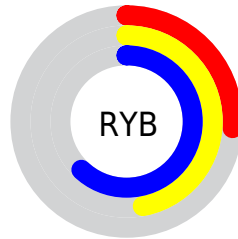
The Yxy color **27.3682, 0.2579, 0.3746** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.0307, 0.4359, 0.2915**, and the grayscale version is **21.6034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3873, 0.2695, 0.3647**, and **10.9482, 0.2425, 0.3932** is the 20% darker color. If you saturate the color by 10%, you get **26.7717, 0.2528, 0.3841**, and if you desaturate by 10%, it is **28.1238, 0.2647, 0.3654**.

Distribution



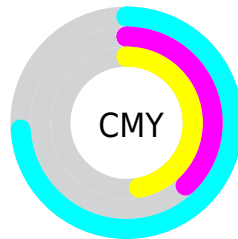
- Red (26%)
- Green (62%)
- Blue (53%)



- Red (26%)
- Yellow (47%)
- Blue (62%)



- Cyan (58%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)



- Cyan (74%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3682, 0.2579, 0.3746 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 27.3682, 0.2579, 0.3746 by changing the saturation by 10% instead.

■ 27.3682, 0.2579,
0.3746

■ 27.3682, 0.2579,
0.3746

■ 289.4355, 0.2879,
0.3493

■ 17.8499, 0.2495,
0.3819

■ 55.4741, 0.2695,
0.3647

■ 10.8423, 0.2380,
0.3920

■ 74.8306, 0.2736,
0.3612

■ 5.9609, 0.2215,
0.4068

■ 98.2353, 0.2770,
0.3583

■ 2.8213, 0.1961,
0.4304

■ 126.0726, 0.2799,
0.3559

■ 1.0392, 0.0851,
0.5134

■ 158.7268, 0.2823,
0.3539

■ 0.0000, 0.0000,
0.0000

196.5825, 0.2844,

0.3522

240.0239, 0.2863,
0.3506

■ 27.3682, 0.2579,
0.3746

■ 27.3682, 0.2579,
0.3746

■ 26.7717, 0.2528,
0.3841

■ 28.1238, 0.2647,
0.3654

■ 26.3182, 0.2496,
0.3938

■ 29.0465, 0.2730,
0.3567

■ 25.9939, 0.2482,
0.4035

■ 30.1478, 0.2825,
0.3485

■ 25.7736, 0.2486,
0.4132

■ 31.4370, 0.2929,
0.3408

■ 25.7264, 0.2487,
0.4155

■ 32.9229, 0.3040,
0.3339

■ 34.6137, 0.3155,
0.3276

■ 36.5173, 0.3271,
0.3219

■ 38.6408, 0.3388,
0.3169

■ 40.9914, 0.3503,
0.3124

Harmonies

Analogous

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



27.3682, 0.3084, 0.4186



27.3682, 0.2579, 0.3746



27.3682, 0.2239, 0.3180

Triad

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



27.3682, 0.2579, 0.3746



27.3682, 0.2582, 0.2421



27.3682, 0.4240, 0.3716

Complementary

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



27.3682, 0.2579, 0.3746



12.0307, 0.4359, 0.2915

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.



27.3682, 0.4096, 0.3281



27.3682, 0.2579, 0.3746



27.3682, 0.3092, 0.2572

Square

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



27.3682, 0.2579, 0.3746



27.3682, 0.2245, 0.2461



27.3682, 0.3659, 0.2877



27.3682, 0.4056, 0.4097

Rectangle

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



27.3682, 0.2579, 0.3746



27.3682, 0.2137, 0.2850



27.3682, 0.3659, 0.2877



27.3682, 0.4230, 0.3572

Sweetspot

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



27.3693, 0.2579, 0.3746



57.1599, 0.2932, 0.3406



27.0965, 0.3238, 0.4992



12.7816, 0.2912, 0.3420



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.3693, 0.2579, 0.3746



48.3637, 0.2517, 0.3867



21.4826, 0.2336, 0.2885



7.4796, 0.3022, 0.3350



20.6086, 0.2485, 0.4147



0.3750, 0.2378, 0.3762

Inverse Universe

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



12.0307, 0.4359, 0.2915



17.8218, 0.4812, 0.2876



14.6845, 0.4602, 0.3630



6.6734, 0.3245, 0.3231



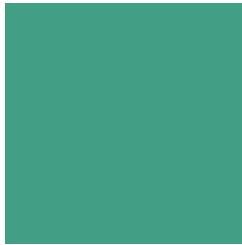
5.9593, 0.5837, 0.2989



0.1129, 0.4842, 0.2441

Previews

White Background



This preview shows how the Yxy color 27.3682, 0.2579, 0.3746 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 27.3682, 0.2579, 0.3746 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 27.3682, 0.2579, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 27.3682, 0.2579, 0.3746.

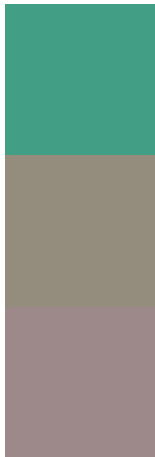


This preview shows how white text looks on a background with the Yxy color 27.3682, 0.2579, 0.3746.

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

27.3682, 0.2579, 0.3746

Protanopia

26.8263, 0.3369, 0.3553

Deuteranopia

26.8944, 0.3341, 0.3275



Tritanopia

27.4841, 0.2416, 0.3077

Trichromacy



Original Color

27.3682, 0.2579, 0.3746

Protanomaly

26.3479, 0.3020, 0.3627

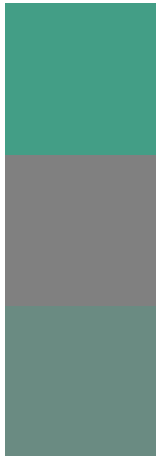
Deuteranomaly

26.3420, 0.2987, 0.3428

Tritanomaly

27.2316, 0.2474, 0.3306

Monochromacy



Original Color

27.3682, 0.2579, 0.3746

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

23.1411, 0.2870, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3682, 0.2579, 0.3746 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(67, 158, 134)` looks like.

```
.text, #text, p{  
  color:rgb(67, 158, 134)  
}
```

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(67, 158, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 158, 134) }
```

Border

The CSS property to change the border of an element to Yxy 27.3682, 0.2579, 0.3746 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(67, 158, 134) }
```

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

```
.border{ border-color:rgb(67, 158, 134) }
```

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

Here you see how a box with a 4 pixel rgb(67, 158, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 158, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 158, 134);  
box-shadow:4px 4px 4px 4px rgb(67, 158,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3682, 0.2579, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 158, 134) }
```

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

```
.background{ background-color: rgb(67, 158,  
134) }
```

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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