

Converting Colors

$Y_{xy}(27.9590, 0.2756, 0.3962)$

Have a look what the booklet for
Yxy(27.9590, 0.2756, 0.3962)
contains.

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Color

$Y_{xy}(28.0202, 0.2756, 0.3969)$

Conversions

Conversions Part 1

Format	Color
Hex	529F7B
RGB	82, 159, 123
RGB Percent	32%, 62%, 48%
CMY	0.6782, 0.3765, 0.5177
CMYK	0.48, 0.00, 0.23, 0.38
HSL	152°, 32%, 47%
HSV	152°, 48%, 62%
XYZ	19.4567, 28.0202, 23.1207
YIQ	131.8730, -34.3360, -27.5200

Conversions

Conversions Part 2

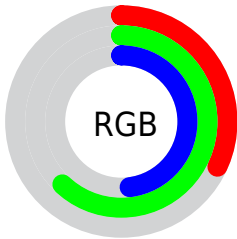
Format	Color
RYB	82, 132, 159
Decimal	5414779
CIELab	59.91, -32.51, 11.55
CIELCh	60, 34.500, 160.432
Yxy	28.0202, 0.2756, 0.3969
Android (android.graphics.Color)	4283604859 (0xFF529F7B)
YUV	131.8730, -4.3744, -43.7386
Hunter-Lab	52.9341, -27.0244, 11.1570

Details

The Yxy color $28.0202, 0.2756, 0.3969$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.7239, 0.3797, 0.2715$, and the grayscale version is $23.0572, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.4620, 0.2835, 0.3808$, and $11.2165, 0.2612, 0.4250$ is the 20% darker color. If you saturate the color by 10%, you get $27.2093, 0.2707, 0.4142$, and if you desaturate by 10%, it is $29.0127, 0.2818, 0.3805$.

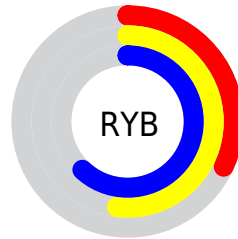
Distribution



Red (32%)

Green (62%)

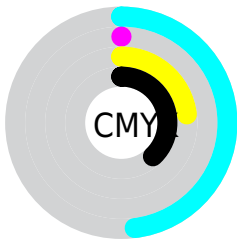
Blue (48%)



Red (32%)

Yellow (52%)

Blue (62%)

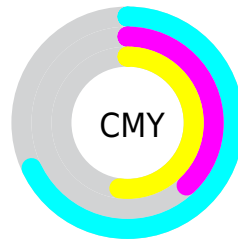


Cyan (48%)

Magenta (0%)

Yellow (23%)

Black (38%)



Cyan (68%)


Magenta (38%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0202, 0.2756, 0.3969 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 28.0202, 0.2756, 0.3969 by changing the saturation by 10% instead.


 28.0202, 0.2756,
0.3969


 28.0202, 0.2756,
0.3969


292.5634, 0.2964,
0.3586


 18.3409, 0.2695,
0.4083


 56.5167, 0.2838,
0.3817

 11.1950, 0.2610,
0.4241


 76.1027, 0.2867,
0.3764


 6.1982, 0.2484,
0.4478

 99.7596, 0.2890,
0.3721

 2.9659, 0.2281,
0.4868

 127.8720, 0.2910,
0.3685

 1.1140, 0.1423,
0.6369

 160.8242, 0.2927,
0.3654

 0.0000, 0.0000,
0.0000

199.0005, 0.2941,

0.3628

242.7855, 0.2953,
0.3606

■ 28.0202, 0.2756,
0.3969

■ 28.0202, 0.2756,
0.3969

■ 27.2093, 0.2707,
0.4142

■ 29.0127, 0.2818,
0.3805

■ 26.5648, 0.2674,
0.4321

■ 30.1942, 0.2891,
0.3653

■ 26.0743, 0.2659,
0.4501


■ 31.5757, 0.2971,
0.3513

■ 25.7224, 0.2664,
0.4679

■ 33.1665, 0.3055,
0.3386

■ 25.4799, 0.2685,
0.4852


■ 34.9750, 0.3141,
0.3273

 25.4442, 0.2689,
0.4879

 37.0094, 0.3228,
0.3171

 39.2775, 0.3313,
0.3082

 41.7864, 0.3396,
0.3003

 44.5433, 0.3477,
0.2934

Harmonies

Analogous

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



28.0202, 0.3306, 0.4302



28.0202, 0.2756, 0.3969



28.0202, 0.2330, 0.3405

Triad

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



28.0202, 0.2756, 0.3969



28.0202, 0.2406, 0.2392



28.0202, 0.4251, 0.3548

Complementary

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



28.0202, 0.2756, 0.3969



14.7239, 0.3797, 0.2715

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.



28.0202, 0.3971, 0.3107



28.0202, 0.2756, 0.3969



28.0202, 0.2866, 0.2473

Square

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



28.0202, 0.2756, 0.3969



28.0202, 0.2148, 0.2518



28.0202, 0.3444, 0.2728



28.0202, 0.4190, 0.3973

Rectangle

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



28.0202, 0.2756, 0.3969



28.0202, 0.2164, 0.3030



28.0202, 0.3444, 0.2728



28.0202, 0.4194, 0.3399

Sweetspot

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



28.0213, 0.2756, 0.3969



57.3958, 0.2997, 0.3472



29.3443, 0.3400, 0.4626



12.8172, 0.2980, 0.3498



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.



28.0213, 0.2756, 0.3969



48.6402, 0.2704, 0.4154



28.6557, 0.2498, 0.3266



7.4571, 0.3048, 0.3397



20.1065, 0.2685, 0.4864



0.3680, 0.2494, 0.4178

Inverse Universe

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



14.7239, 0.3797, 0.2715



21.9541, 0.4028, 0.2606



14.2200, 0.4415, 0.3314



6.6952, 0.3215, 0.3186



6.2249, 0.5050, 0.2555



0.1198, 0.4180, 0.2076

Previews

White Background



This preview shows how the Yxy color 28.0202, 0.2756, 0.3969 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 28.0202, 0.2756, 0.3969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

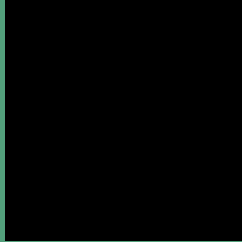
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0202, 0.2756, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 28.0202, 0.2756, 0.3969.



This preview shows how white text looks on a background with the Yxy color 28.0202, 0.2756, 0.3969.

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

28.0202, 0.2756, 0.3969

Protanopia

27.5581, 0.3514, 0.3744

Deuteranopia

27.4958, 0.3528, 0.3462



Tritanopia

27.8628, 0.2507, 0.3065

Trichromacy



Original Color

28.0202, 0.2756, 0.3969

Protanomaly

27.3149, 0.3194, 0.3831

Deuteranomaly

27.1325, 0.3195, 0.3631

Tritanomaly

27.7685, 0.2597, 0.3378

Monochromacy



Original Color

28.0202, 0.2756, 0.3969

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.5084, 0.2960, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0202, 0.2756, 0.3969 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(82, 159, 123)` looks like.

```
.text, #text, p{  
    color:rgb(82, 159, 123)  
}
```

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(82, 159, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 159, 123) }
```

Border

The CSS property to change the border of an element to Yxy 28.0202, 0.2756, 0.3969 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(82, 159, 123) }
```

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

```
.border{ border-color:rgb(82, 159, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 159, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 159, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 159, 123);  
box-shadow:4px 4px 4px 4px rgb(82, 159,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0202, 0.2756, 0.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 159, 123) }
```

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

```
.background{ background-color: rgb(82, 159,  
123) }
```

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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