

Converting Colors

$Y_{xy}(27.2579, 0.2322, 0.3056)$

Have a look what the booklet for
Yxy(27.2579, 0.2322, 0.3056)
contains.

Yxy(27.2619, 0.2322, 0.3057)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(27.2619, 0.2322, 0.3057)$

Conversions

Conversions Part 1

Format	Color
Hex	3D9BA8
RGB	61, 155, 168
RGB Percent	24%, 61%, 66%
CMY	0.7612, 0.3921, 0.3412
CMYK	0.64, 0.08, 0.00, 0.34
HSL	187°, 47%, 45%
HSV	187°, 64%, 66%
XYZ	20.7073, 27.2619, 41.2094
YIQ	128.3760, -60.1970, -15.8850

Conversions

Conversions Part 2

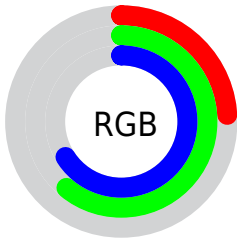
Format	Color
R_{YB}	61, 111, 168
Decimal	4037544
CIE _{Lab}	59.22, -23.35, -14.99
CIE _{LCh}	59, 27.743, 212.697
Yxy	27.2619, 0.2322, 0.3057
Android (android.graphics.Color)	4282227624 (0xFF3D9BA8)
YUV	128.3760, 19.5346, -59.0888
Hunter-Lab	52.2129, -20.5808, -10.2460




Details

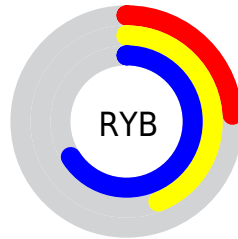
The Yxy color **27.2619, 0.2322, 0.3057** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.5381, 0.4987, 0.3476**, and the grayscale version is **21.6606, 0.3127, 0.3290**.




A 20% lighter version of the original color is **55.4140, 0.2482, 0.3118**, and **10.9614, 0.2152, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **26.1402, 0.2249, 0.3015**, and if you desaturate by 10%, it is **28.5639, 0.2413, 0.3098**.

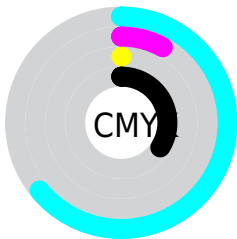
Distribution







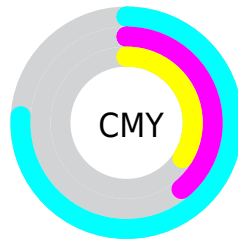
-  Red (24%)
-  Green (61%)
-  Blue (66%)






-  Red (24%)
-  Yellow (44%)
-  Blue (66%)



-  Cyan (64%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (34%)





-  Cyan (76%)
-  Magenta (39%)
-  Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2619, 0.2322, 0.3057 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 27.2619, 0.2322, 0.3057 by changing the saturation by 10% instead.


 27.2619, 0.2322,
0.3057


 27.2619, 0.2322,
0.3057


288.9230, 0.2748,
0.3195


 17.7700, 0.2209,
0.3014


 55.3038, 0.2482,
0.3113

 10.7850, 0.2060,
0.2954


 74.6227, 0.2541,
0.3132


 5.9225, 0.1855,
0.2863

 97.9860, 0.2589,
0.3148

 2.7980, 0.1562,
0.2713

 125.7781, 0.2631,
0.3160

 1.0272, 0.0964,
0.2477

 158.3835, 0.2666,
0.3171

 0.0000, 0.0000,
0.0000

196.1865, 0.2697,

0.3180

239.5715, 0.2724,
0.3188

■ 27.2619, 0.2322,
0.3057

■ 27.2619, 0.2322,
0.3057

■ 26.1402, 0.2249,
0.3015

■ 28.5639, 0.2413,
0.3098

■ 25.1794, 0.2195,
0.2973

■ 30.0574, 0.2521,
0.3138

■ 24.3611, 0.2158,
0.2932

■ 31.7560, 0.2644,
0.3177

■ 23.8937, 0.2141,
0.2906

■ 33.6713, 0.2778,
0.3213

■ 35.8139, 0.2921,
0.3248

■ 38.1939, 0.3070,
0.3279

■ 40.8203, 0.3223,
0.3308

■ 43.7022, 0.3376,
0.3333

■ 46.8478, 0.3528,
0.3356

Harmonies

Analogous

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



27.2619, 0.2552, 0.3510



27.2619, 0.2322, 0.3057



27.2619, 0.2292, 0.2719

Triad

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



27.2619, 0.2322, 0.3057



27.2619, 0.3266, 0.2758



27.2619, 0.3804, 0.4051

Complementary

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



27.2619, 0.2322, 0.3057



13.5381, 0.4987, 0.3476

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.



27.2619, 0.4033, 0.3780



27.2619, 0.2322, 0.3057



27.2619, 0.3715, 0.3056

Square

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



27.2619, 0.2322, 0.3057



27.2619, 0.2807, 0.2579



27.2619, 0.4004, 0.3420



27.2619, 0.3401, 0.4124

Rectangle

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



27.2619, 0.2322, 0.3057



27.2619, 0.2383, 0.2591



27.2619, 0.4004, 0.3420



27.2619, 0.3905, 0.3977

Sweetspot

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



27.2629, 0.2322, 0.3057



62.7734, 0.2840, 0.3229



29.4751, 0.2966, 0.5103



13.4541, 0.2801, 0.3219



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



27.2629, 0.2322, 0.3057



46.5964, 0.2221, 0.2996



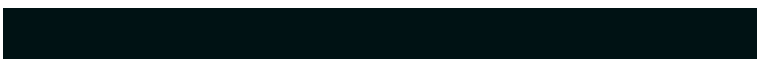
13.3068, 0.2083, 0.2019



8.3747, 0.2987, 0.3262



18.0966, 0.2142, 0.2910



0.4823, 0.2180, 0.3047

Inverse Universe

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



14.0161, 0.3379, 0.1996



21.5420, 0.3447, 0.1822



23.8204, 0.4380, 0.4247



7.6507, 0.3155, 0.3094



7.8979, 0.3534, 0.1721



0.1964, 0.3413, 0.1654

Previews

White Background



This preview shows how the Yxy color 27.2619, 0.2322, 0.3057 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 27.2619, 0.2322, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

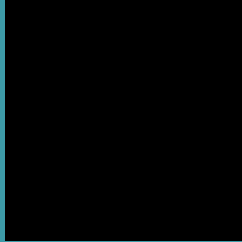
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2619, 0.2322, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 27.2619, 0.2322, 0.3057.

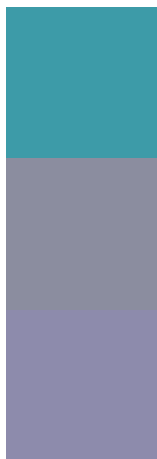


This preview shows how white text looks on a background with the Yxy color 27.2619, 0.2322, 0.3057.

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

27.2619, 0.2322, 0.3057

Protanopia

27.0419, 0.2933, 0.3001

Deuteranopia

27.1065, 0.2835, 0.2778



Tritanopia

27.2619, 0.2322, 0.3057

Trichromacy



Original Color

27.2619, 0.2322, 0.3057

Protanomaly

26.5459, 0.2655, 0.3017

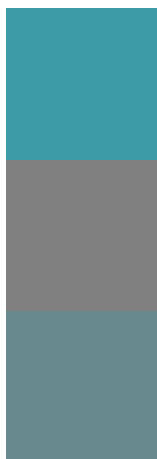
Deuteranomaly

26.6358, 0.2592, 0.2858

Tritanomaly

27.2619, 0.2322, 0.3057

Monochromacy



Original Color

27.2619, 0.2322, 0.3057

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

23.1032, 0.2734, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2619, 0.2322, 0.3057 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(61, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(61, 155, 168)  
}
```

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(61, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 155, 168) }
```

Border

The CSS property to change the border of an element to Yxy 27.2619, 0.2322, 0.3057 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(61, 155, 168) }
```

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

```
.border{ border-color:rgb(61, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(61, 155,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2619, 0.2322, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 155, 168) }
```

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

```
.background{ background-color: rgb(61, 155,  
168) }
```

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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