

Converting Colors

$Yxy(27.6091, 0.2563, 0.3377)$

Have a look what the booklet for
Yxy(27.6091, 0.2563, 0.3377)
contains.

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Color

$Y_{xy}(27.5295, 0.2563, 0.3379)$

Conversions

Conversions Part 1

Format	Color
Hex	549B96
RGB	84, 155, 150
RGB Percent	33%, 61%, 59%
CMY	0.6706, 0.3921, 0.4118
CMYK	0.46, 0.00, 0.03, 0.39
HSL	176°, 30%, 47%
HSV	176°, 46%, 61%
XYZ	20.8814, 27.5295, 33.0615
YIQ	133.2010, -40.7110, -16.6070

Conversions

Conversions Part 2

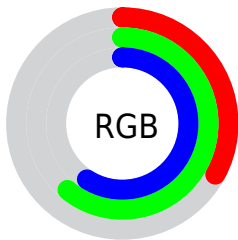
Format	Color
RYB	84, 121, 155
Decimal	5544854
CIELab	59.46, -23.56, -4.32
CIELCh	59, 23.956, 190.391
Yxy	27.5295, 0.2563, 0.3379
Android (android.graphics.Color)	4283734934 (0xFF549B96)
YUV	133.2010, 8.2819, -43.1493
Hunter-Lab	52.4686, -20.7808, -0.6318

Details

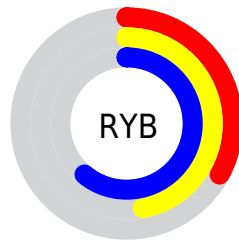
The Yxy color **27.5295, 0.2563, 0.3379** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.0310, 0.4231, 0.3210**, and the grayscale version is **23.5129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8561, 0.2679, 0.3368**, and **10.8344, 0.2369, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **26.8576, 0.2477, 0.3402**, and if you desaturate by 10%, it is **28.3621, 0.2665, 0.3357**.

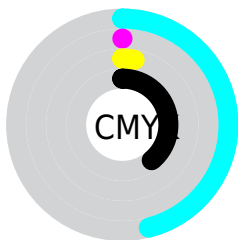
Distribution



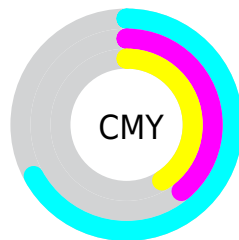
- Red (33%)
- Green (61%)
- Blue (59%)



- Red (33%)
- Yellow (47%)
- Blue (61%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (67%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.5295, 0.2563, 0.3379 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 27.5295, 0.2563, 0.3379 by changing the saturation by 10% instead.

■ 27.5295, 0.2563,
0.3379

■ 27.5295, 0.2563,
0.3379

■ 290.2118, 0.2866,
0.3335

■ 17.9713, 0.2480,
0.3389

■ 55.7324, 0.2678,
0.3363

■ 10.9294, 0.2369,
0.3402

■ 75.1458, 0.2720,
0.3357

■ 6.0194, 0.2212,
0.3417

■ 98.6132, 0.2755,
0.3352

■ 2.8569, 0.1976,
0.3435

■ 126.5188, 0.2784,
0.3348

■ 1.0575, 0.1399,
0.3521

■ 159.2471, 0.2809,
0.3344

■ 0.0000, 0.0000,
0.0000

197.1824, 0.2831,

0.3341

240.7092, 0.2849,
0.3338

■ 27.5295, 0.2563,
0.3379

■ 27.5295, 0.2563,
0.3379

■ 26.8576, 0.2477,
0.3402

■ 28.3621, 0.2665,
0.3357

■ 26.3327, 0.2409,
0.3425

■ 29.3619, 0.2781,
0.3337

■ 25.9440, 0.2358,
0.3448

■ 30.5386, 0.2909,
0.3317


■ 25.6778, 0.2327,
0.3471


■ 31.9007, 0.3045,
0.3300


■ 25.5154, 0.2311,
0.3494


■ 33.4556, 0.3187,
0.3283

 25.4594, 0.2307,
0.3504

 35.2108, 0.3333,
0.3269

 37.1731, 0.3480,
0.3256

 39.3490, 0.3625,
0.3244

 41.7449, 0.3769,
0.3234

Harmonies

Analogous

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



27.5295, 0.2874, 0.3752



27.5295, 0.2563, 0.3379



27.5295, 0.2403, 0.3006

Triad

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



27.5295, 0.2563, 0.3379



27.5295, 0.2949, 0.2697



27.5295, 0.3877, 0.3791

Complementary

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



27.5295, 0.2563, 0.3379



14.0310, 0.4231, 0.3210

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.



27.5295, 0.3910, 0.3492



27.5295, 0.2563, 0.3379



27.5295, 0.3354, 0.2885

Square

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



27.5295, 0.2563, 0.3379



27.5295, 0.2614, 0.2643



27.5295, 0.3714, 0.3168



27.5295, 0.3636, 0.3982

Rectangle

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



27.5295, 0.2563, 0.3379



27.5295, 0.2395, 0.2817



27.5295, 0.3714, 0.3168



27.5295, 0.3914, 0.3699

Sweetspot

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



27.5306, 0.2563, 0.3379



55.0406, 0.2929, 0.3315



26.2537, 0.3113, 0.4662



12.3533, 0.2902, 0.3318



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.



27.5306, 0.2563, 0.3379



48.0680, 0.2475, 0.3402



19.0250, 0.2431, 0.2727



7.0190, 0.2998, 0.3306



20.4502, 0.2306, 0.3502



0.3077, 0.2277, 0.3398

Inverse Universe

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



14.0310, 0.4231, 0.3210



20.7938, 0.4635, 0.3197



19.5502, 0.4080, 0.3782



6.2294, 0.3273, 0.3275



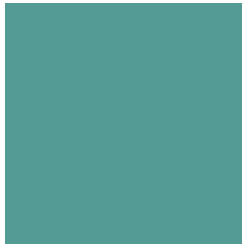
5.6189, 0.6298, 0.3243



0.0857, 0.5838, 0.2990

Previews

White Background



This preview shows how the Yxy color 27.5295, 0.2563, 0.3379 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 27.5295, 0.2563, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

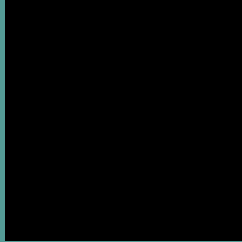
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5295, 0.2563, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 27.5295, 0.2563, 0.3379.

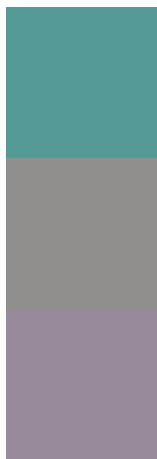


This preview shows how white text looks on a background with the Yxy color 27.5295, 0.2563, 0.3379.

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

27.5295, 0.2563, 0.3379

Protanopia

27.3187, 0.3159, 0.3290

Deuteranopia

27.0894, 0.3107, 0.3040



Tritanopia

27.6229, 0.2487, 0.3080

Trichromacy



Original Color

27.5295, 0.2563, 0.3379

Protanomaly

27.1227, 0.2906, 0.3323

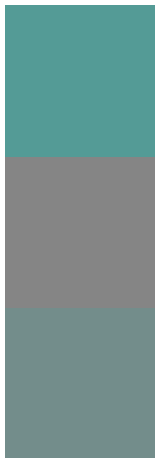
Deuteranomaly

26.7585, 0.2871, 0.3139

Tritanomaly

27.6755, 0.2511, 0.3183

Monochromacy



Original Color

27.5295, 0.2563, 0.3379

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.5587, 0.2878, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5295, 0.2563, 0.3379 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(84, 155, 150)` looks like.

```
.text, #text, p{  
    color:rgb(84, 155, 150)  
}
```

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(84, 155, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 155, 150) }
```

Border

The CSS property to change the border of an element to Yxy 27.5295, 0.2563, 0.3379 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(84, 155, 150) }
```

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

```
.border{ border-color:rgb(84, 155, 150) }
```

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

Here you see how a box with a 4 pixel rgb(84, 155, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 155, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 155, 150);  
box-shadow:4px 4px 4px 4px rgb(84, 155,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5295, 0.2563, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 155, 150) }
```

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

```
.background{ background-color: rgb(84, 155,  
150) }
```

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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