

Converting Colors

$Y_{xy}(28.1543, 0.2590, 0.3562)$

Have a look what the booklet for
Yxy(28.1543, 0.2590, 0.3562)
contains.

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Color

$\text{Yxy}(28.0992, 0.2589, 0.3564)$

Conversions

Conversions Part 1

Format	Color
Hex	4F9E8F
RGB	79, 158, 143
RGB Percent	31%, 62%, 56%
CMY	0.6900, 0.3804, 0.4393
CMYK	0.50, 0.00, 0.09, 0.38
HSL	169°, 33%, 46%
HSV	169°, 50%, 62%
XYZ	20.4121, 28.0992, 30.3304
YIQ	132.6690, -42.2690, -21.4130

Conversions

Conversions Part 2

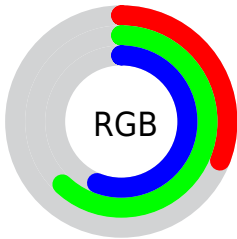
Format	Color
R_{YB}	79, 123, 158
Decimal	5217935
CIE _{Lab}	59.98, -28.07, 0.38
CIE _{LCh}	60, 28.071, 179.226
Yxy	28.0992, 0.2589, 0.3564
Android (android.graphics.Color)	4283408015 (0xFF4F9E8F)
YUV	132.6690, 5.0932, -47.0677
Hunter-Lab	53.0087, -24.0299, 3.1816

Details

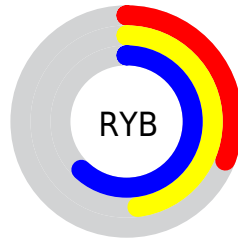
The Yxy color **28.0992, 0.2589, 0.3564** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.6786, 0.4219, 0.3050**, and the grayscale version is **23.3270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6880, 0.2700, 0.3502**, and **11.2176, 0.2397, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **27.4110, 0.2519, 0.3629**, and if you desaturate by 10%, it is **28.9531, 0.2675, 0.3502**.

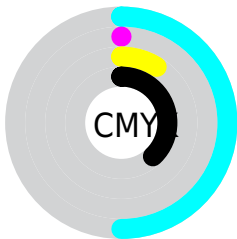
Distribution



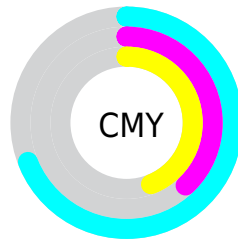
- Red (31%)
- Green (62%)
- Blue (56%)



- Red (31%)
- Yellow (48%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)




- Cyan (69%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0992, 0.2589, 0.3564 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 28.0992, 0.2589, 0.3564 by changing the saturation by 10% instead.

 28.0992, 0.2589,
0.3564


 28.0992, 0.2589,
0.3564


292.9406, 0.2879,
0.3416


 18.4005, 0.2509,
0.3605


 56.6428, 0.2700,
0.3507


 11.2379, 0.2401,
0.3660


 76.2564, 0.2740,
0.3487

 6.2271, 0.2248,
0.3739

 99.9438, 0.2773,
0.3470

 2.9836, 0.2015,
0.3859

 128.0893, 0.2801,
0.3456

 1.1232, 0.1361,
0.4191

 161.0773, 0.2825,
0.3444

 0.0000, 0.0000,
0.0000

199.2923, 0.2846,

0.3433

243.1186, 0.2864,
0.3424

■ 28.0992, 0.2589,
0.3564

■ 28.0992, 0.2589,
0.3564

■ 27.4110, 0.2519,
0.3629

■ 28.9531, 0.2675,
0.3502

■ 26.8736, 0.2467,
0.3696

■ 29.9799, 0.2775,
0.3442

■ 26.4750, 0.2433,
0.3764


■ 31.1902, 0.2885,
0.3387

■ 26.1996, 0.2418,
0.3831

■ 32.5930, 0.3004,
0.3336

■ 26.0108, 0.2416,
0.3899


■ 34.1965, 0.3128,
0.3290

 26.0101, 0.2416,
0.3899

 36.0085, 0.3255,
0.3248

 38.0365, 0.3383,
0.3211

 40.2875, 0.3510,
0.3177

 42.7681, 0.3635,
0.3148

Harmonies

Analogous

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



28.0992, 0.2993, 0.3962



28.0992, 0.2589, 0.3564



28.0992, 0.2337, 0.3105

Triad

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



28.0992, 0.2589, 0.3564



28.0992, 0.2759, 0.2567



28.0992, 0.4045, 0.3742

Complementary

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



28.0992, 0.2589, 0.3564



13.6786, 0.4219, 0.3050

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.



28.0992, 0.3985, 0.3376



28.0992, 0.2589, 0.3564



28.0992, 0.3210, 0.2729

Square

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



28.0992, 0.2589, 0.3564



28.0992, 0.2431, 0.2566



28.0992, 0.3670, 0.3017



28.0992, 0.3843, 0.4029

Rectangle

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



28.0992, 0.2589, 0.3564



28.0992, 0.2279, 0.2850



28.0992, 0.3670, 0.3017



28.0992, 0.4056, 0.3624

Sweetspot

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



28.1003, 0.2589, 0.3564



57.7887, 0.2940, 0.3363



27.4427, 0.3189, 0.4771



12.9165, 0.2916, 0.3373



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.



28.1003, 0.2589, 0.3564



49.6482, 0.2512, 0.3637



21.2709, 0.2404, 0.2846



7.4878, 0.3012, 0.3333



20.8378, 0.2415, 0.3893



0.3777, 0.2340, 0.3624

Inverse Universe

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



13.6786, 0.4219, 0.3050



20.3735, 0.4626, 0.3013



17.4831, 0.4279, 0.3678



6.6657, 0.3256, 0.3248



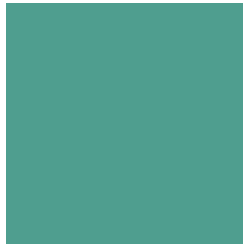
5.9016, 0.6057, 0.3110



0.1105, 0.5166, 0.2620

Previews

White Background



This preview shows how the Yxy color 28.0992, 0.2589, 0.3564 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 28.0992, 0.2589, 0.3564 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 28.0992, 0.2589, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 28.0992, 0.2589, 0.3564.

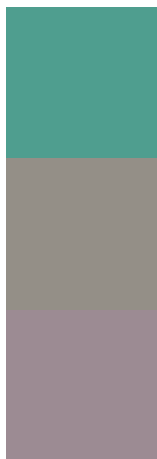


This preview shows how white text looks on a background with the Yxy color 28.0992, 0.2589, 0.3564.

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

28.0992, 0.2589, 0.3564

Protanopia

27.6901, 0.3261, 0.3420

Deuteranopia

27.6397, 0.3231, 0.3166



Tritanopia

28.2589, 0.2467, 0.3081

Trichromacy



Original Color

28.0992, 0.2589, 0.3564

Protanomaly

27.2257, 0.2969, 0.3462

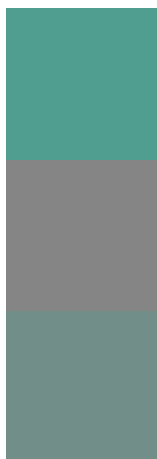
Deuteranomaly

27.2223, 0.2945, 0.3289

Tritanomaly

28.1304, 0.2511, 0.3253

Monochromacy



Original Color

28.0992, 0.2589, 0.3564

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.6629, 0.2877, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0992, 0.2589, 0.3564 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(79, 158, 143)` looks like.

```
.text, #text, p{  
  color:rgb(79, 158, 143)  
}
```

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(79, 158, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 158, 143) }
```

Border

The CSS property to change the border of an element to Yxy 28.0992, 0.2589, 0.3564 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(79, 158, 143) }
```

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

```
.border{ border-color:rgb(79, 158, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 158, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 158, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 158, 143);  
box-shadow:4px 4px 4px 4px rgb(79, 158,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0992, 0.2589, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 158, 143) }
```

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

```
.background{ background-color: rgb(79, 158,  
143) }
```

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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