

Converting Colors

$Y_{xy}(28.3442, 0.2582, 0.3236)$

Have a look what the booklet for
Yxy(28.3442, 0.2582, 0.3236)
contains.

Yxy(28.3442, 0.2582, 0.3236)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(28.3442, 0.2582, 0.3236)$

Conversions

Conversions Part 1

Format	Color
Hex	5F9B9E
RGB	95, 155, 158
RGB Percent	37%, 61%, 62%
CMY	0.6273, 0.3922, 0.3804
CMYK	0.40, 0.02, 0.00, 0.38
HSL	183°, 25%, 50%
HSV	183°, 40%, 62%
XYZ	22.6158, 28.3442, 36.6302
YIQ	137.4020, -36.7230, -11.7870

Conversions

Conversions Part 2

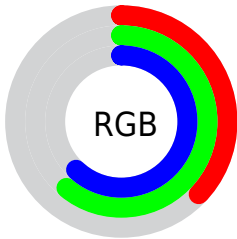
Format	Color
R _Y B	95, 126, 158
Decimal	6265758
CIE Lab	60.20, -18.61, -7.72
CIE LCh	60, 20.147, 202.538
Yxy	28.3442, 0.2582, 0.3236
Android (android.graphics.Color)	4284455838 (0xFF5F9B9E)
YUV	137.4020, 10.1548, -37.1866
Hunter-Lab	53.2393, -17.3427, -3.5258

Details

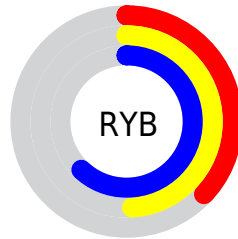
The Yxy color $28.3442, 0.2582, 0.3236$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $16.8428, 0.4077, 0.3342$, and the grayscale version is $25.1516, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.2868, 0.2692, 0.3250$, and $11.4544, 0.2399, 0.3210$ is the 20% darker color. If you saturate the color by 10%, you get $27.3319, 0.2476, 0.3221$, and if you desaturate by 10%, it is $29.5320, 0.2703, 0.3251$.

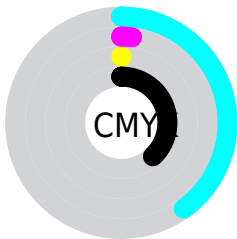
Distribution



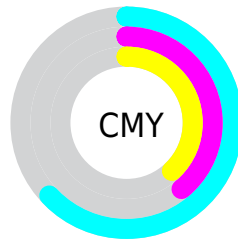
- Red (37%)
- Green (61%)
- Blue (62%)



- Red (37%)
- Yellow (49%)
- Blue (62%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)




- Cyan (63%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3442, 0.2582, 0.3236 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 28.3442, 0.2582, 0.3236 by changing the saturation by 10% instead.


 28.3442, 0.2582,
0.3236

 28.3442, 0.2582,
0.3236


294.1080, 0.2873,
0.3271


 18.5853, 0.2503,
0.3224


 57.0335, 0.2692,
0.3251

 11.3710, 0.2398,
0.3207


 76.7327, 0.2732,
0.3256

 6.3170, 0.2251,
0.3179


 100.5141, 0.2765,
0.3259

 3.0388, 0.2033,
0.3130

 128.7621, 0.2793,
0.3262

 1.1520, 0.1635,
0.3044

161.8611, 0.2817,
0.3265

 0.0220, 0.0000,
0.0375

200.1955, 0.2838,

 0.0000, 0.0000,

0.3267

0.0000

244.1496, 0.2857,
0.3269

■ 28.3442, 0.2582,
0.3236

■ 28.3442, 0.2582,
0.3236

■ 27.3319, 0.2476,
0.3221

■ 29.5320, 0.2703,
0.3251

■ 26.4813, 0.2387,
0.3205

■ 30.9014, 0.2836,
0.3265

■ 25.7818, 0.2316,
0.3189

■ 32.4625, 0.2979,
0.3278

■ 25.2205, 0.2263,
0.3173

■ 34.2236, 0.3129,
0.3290

■ 24.7819, 0.2228,
0.3158

■ 36.1924, 0.3284,
0.3301

■ 24.4299, 0.2206,
0.3142

■ 38.3763, 0.3439,
0.3311

■ 24.4247, 0.2206,
0.3142

■ 40.7823, 0.3594,
0.3320

■ 43.4171, 0.3747,
0.3328

■ 46.2871, 0.3896,
0.3335

Harmonies

Analogous

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



28.3442, 0.2800, 0.3556



28.3442, 0.2582, 0.3236



28.3442, 0.2505, 0.2954

Triad

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



28.3442, 0.2582, 0.3236



28.3442, 0.3115, 0.2842



28.3442, 0.3691, 0.3792

Complementary

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



28.3442, 0.2582, 0.3236



16.8428, 0.4077, 0.3342

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.



28.3442, 0.3791, 0.3573



28.3442, 0.2582, 0.3236



28.3442, 0.3449, 0.3040

Square

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



28.3442, 0.2582, 0.3236



28.3442, 0.2800, 0.2748



28.3442, 0.3702, 0.3301



28.3442, 0.3439, 0.3886

Rectangle

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



28.3442, 0.2582, 0.3236



28.3442, 0.2540, 0.2826



28.3442, 0.3702, 0.3301



28.3442, 0.3744, 0.3729

Sweetspot

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



28.3453, 0.2582, 0.3236



58.2363, 0.2945, 0.3275



27.7576, 0.3055, 0.4436



13.0504, 0.2927, 0.3273



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.



28.3453, 0.2582, 0.3236



49.7839, 0.2485, 0.3222



19.4266, 0.2497, 0.2671



7.4550, 0.2988, 0.3279



19.5760, 0.2207, 0.3143



0.3649, 0.2224, 0.3206

Inverse Universe

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



17.8285, 0.3210, 0.2373



28.0560, 0.3231, 0.2182



23.6987, 0.3878, 0.3834



6.7491, 0.3144, 0.3080



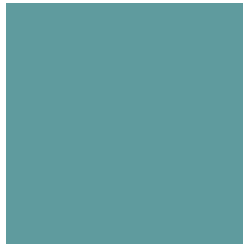
7.5984, 0.3330, 0.1608



0.1374, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 28.3442, 0.2582, 0.3236 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 28.3442, 0.2582, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

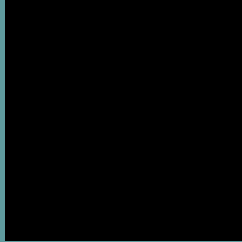
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3442, 0.2582, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 28.3442, 0.2582, 0.3236.

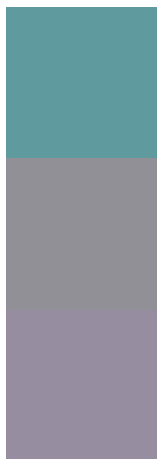


This preview shows how white text looks on a background with the Yxy color 28.3442, 0.2582, 0.3236.

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

28.3442, 0.2582, 0.3236

Protanopia

28.2006, 0.3070, 0.3179

Deuteranopia

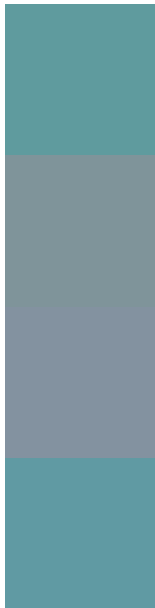
28.2023, 0.3037, 0.2982



Tritanopia

28.4058, 0.2537, 0.3084

Trichromacy



Original Color

28.3442, 0.2582, 0.3236

Protanomaly

28.0249, 0.2866, 0.3190

Deuteranomaly

27.9211, 0.2850, 0.3062

Tritanomaly

28.2423, 0.2551, 0.3134

Monochromacy



Original Color

28.3442, 0.2582, 0.3236

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

26.1284, 0.2894, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3442, 0.2582, 0.3236 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(95, 155, 158)` looks like.

```
.text, #text, p{  
    color:rgb(95, 155, 158)  
}
```

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(95, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 155, 158) }
```

Border

The CSS property to change the border of an element to Yxy 28.3442, 0.2582, 0.3236 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(95, 155, 158) }
```

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

```
.border{ border-color:rgb(95, 155, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 155, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 155, 158);  
box-shadow:4px 4px 4px 4px rgb(95, 155,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3442, 0.2582, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 155, 158) }
```

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

```
.background{ background-color: rgb(95, 155,  
158) }
```

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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