

Converting Colors

$Y_{xy}(27.1834, 0.2653, 0.3411)$

Have a look what the booklet for
Yxy(27.1834, 0.2653, 0.3411)
contains.

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Color

$\text{Yxy}(27.2375, 0.2657, 0.3415)$

Conversions

Conversions Part 1

Format	Color
Hex	5E9992
RGB	94, 153, 146
RGB Percent	37%, 60%, 57%
CMY	0.6315, 0.4000, 0.4275
CMYK	0.39, 0.00, 0.05, 0.40
HSL	173°, 24%, 48%
HSV	173°, 39%, 60%
XYZ	21.1918, 27.2375, 31.3291
YIQ	134.5610, -32.9170, -14.6850

Conversions

Conversions Part 2

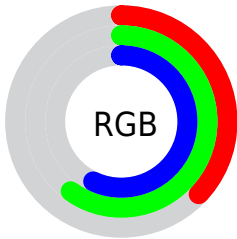
Format	Color
R_{YB}	94, 125, 153
Decimal	6199698
CIE _{Lab}	59.19, -20.92, -2.39
CIE _{LCh}	59, 21.057, 186.523
Yxy	27.2375, 0.2657, 0.3415
Android (android.graphics.Color)	4284389778 (0xFF5E9992)
YUV	134.5610, 5.6394, -35.5720
Hunter-Lab	52.1896, -18.8510, 0.9412

Details

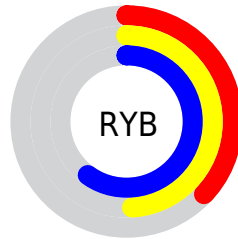
The Yxy color $27.2375, 0.2657, 0.3415$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $15.7114, 0.3936, 0.3173$, and the grayscale version is $24.0427, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4849, 0.2753, 0.3394$, and $10.8395, 0.2489, 0.3452$ is the 20% darker color. If you saturate the color by 10%, you get $26.4525, 0.2563, 0.3453$, and if you desaturate by 10%, it is $28.1859, 0.2765, 0.3379$.

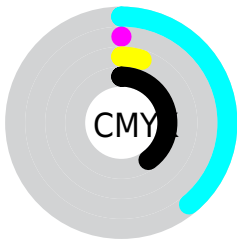
Distribution



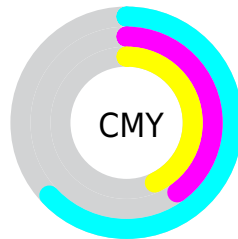
- Red (37%)
- Green (60%)
- Blue (57%)



- Red (37%)
- Yellow (49%)
- Blue (60%)



- Cyan (39%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)




- Cyan (63%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2375, 0.2657, 0.3415 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 27.2375, 0.2657, 0.3415 by changing the saturation by 10% instead.

 27.2375, 0.2657,
0.3415


 27.2375, 0.2657,
0.3415


288.8052, 0.2911,
0.3349


 17.7517, 0.2587,
0.3432


 55.2647, 0.2754,
0.3390


 10.7718, 0.2492,
0.3455


 74.5749, 0.2789,
0.3381

 5.9136, 0.2357,
0.3487

 97.9287, 0.2818,
0.3374

 2.7926, 0.2151,
0.3531

 125.7105, 0.2843,
0.3367

 1.0245, 0.1636,
0.3670

158.3046, 0.2864,
0.3362

 0.0000, 0.0000,
0.0000

196.0955, 0.2882,

0.3357

239.4676, 0.2897,
0.3353

■ 27.2375, 0.2657,
0.3415

■ 27.2375, 0.2657,
0.3415

■ 26.4525, 0.2563,
0.3453

■ 28.1859, 0.2765,
0.3379

■ 25.8181, 0.2485,
0.3492

■ 29.3032, 0.2884,
0.3346

■ 25.3248, 0.2425,
0.3532


■ 30.5987, 0.3012,
0.3315

■ 24.9609, 0.2383,
0.3573


■ 32.0798, 0.3146,
0.3286


■ 24.7123, 0.2360,
0.3613

■ 33.7537, 0.3284,
0.3261

 24.5510, 0.2351,
0.3653

 35.6273, 0.3423,
0.3238

 24.5299, 0.2350,
0.3659

 37.7069, 0.3561,
0.3217

 39.9987, 0.3697,
0.3200

 42.5086, 0.3829,
0.3184

Harmonies

Analogous

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



27.2375, 0.2948, 0.3730



27.2375, 0.2657, 0.3415



27.2375, 0.2494, 0.3081

Triad

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



27.2375, 0.2657, 0.3415



27.2375, 0.2927, 0.2749



27.2375, 0.3805, 0.3707

Complementary

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



27.2375, 0.2657, 0.3415



15.7114, 0.3936, 0.3173

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.



27.2375, 0.3805, 0.3437



27.2375, 0.2657, 0.3415



27.2375, 0.3282, 0.2903

Square

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



27.2375, 0.2657, 0.3415



27.2375, 0.2642, 0.2719



27.2375, 0.3610, 0.3148



27.2375, 0.3615, 0.3888

Rectangle

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



27.2375, 0.2657, 0.3415



27.2375, 0.2472, 0.2902



27.2375, 0.3610, 0.3148



27.2375, 0.3828, 0.3623

Sweetspot

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



27.2386, 0.2657, 0.3415



53.9068, 0.2965, 0.3326



26.4086, 0.3147, 0.4404



11.8432, 0.2950, 0.3329



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.2386, 0.2657, 0.3415



47.5835, 0.2578, 0.3446



21.0074, 0.2547, 0.2887



7.0139, 0.3004, 0.3316



20.2737, 0.2349, 0.3656



0.3062, 0.2299, 0.3476

Inverse Universe

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



15.7114, 0.3936, 0.3173



24.0435, 0.4207, 0.3150



19.9827, 0.3908, 0.3656



6.2340, 0.3265, 0.3264



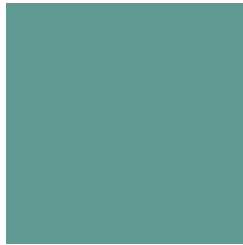
5.6367, 0.6218, 0.3199



0.0870, 0.5522, 0.2816

Previews

White Background



This preview shows how the Yxy color 27.2375, 0.2657, 0.3415 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 27.2375, 0.2657, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

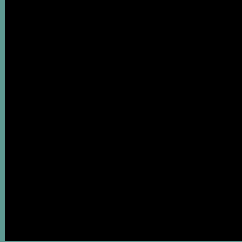
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2375, 0.2657, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 27.2375, 0.2657, 0.3415.



This preview shows how white text looks on a background with the Yxy color 27.2375, 0.2657, 0.3415.

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

27.2375, 0.2657, 0.3415

Protanopia

26.9336, 0.3191, 0.3323

Deuteranopia

27.0223, 0.3168, 0.3117



Tritanopia

27.3742, 0.2557, 0.3082

Trichromacy



Original Color

27.2375, 0.2657, 0.3415

Protanomaly

26.6394, 0.2961, 0.3341

Deuteranomaly

26.6083, 0.2955, 0.3206

Tritanomaly

27.4322, 0.2596, 0.3201

Monochromacy



Original Color

27.2375, 0.2657, 0.3415

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.2032, 0.2928, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2375, 0.2657, 0.3415 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(94, 153, 146)` looks like.

```
.text, #text, p{  
    color:rgb(94, 153, 146)  
}
```

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(94, 153, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 153, 146) }
```

Border

The CSS property to change the border of an element to Yxy 27.2375, 0.2657, 0.3415 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(94, 153, 146) }
```

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

```
.border{ border-color:rgb(94, 153, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 153, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 153, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 153, 146);  
box-shadow:4px 4px 4px 4px rgb(94, 153,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2375, 0.2657, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 153, 146) }
```

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

```
.background{ background-color: rgb(94, 153,  
146) }
```

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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