

Converting Colors

$Y_{xy}(27.8666, 0.2655, 0.3424)$

Have a look what the booklet for
Yxy(27.8666, 0.2655, 0.3424)
contains.

Yxy(27.9290, 0.2654, 0.3432)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(27.9290, 0.2654, 0.3432)$

Conversions

Conversions Part 1

Format	Color
Hex	5E9B93
RGB	94, 155, 147
RGB Percent	37%, 61%, 58%
CMY	0.6316, 0.3921, 0.4236
CMYK	0.39, 0.00, 0.05, 0.39
HSL	172°, 25%, 49%
HSV	172°, 39%, 61%
XYZ	21.5978, 27.9290, 31.8514
YIQ	135.8490, -33.7880, -15.4200

Conversions

Conversions Part 2

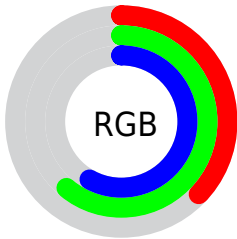
Format	Color
R_{YB}	94, 127, 155
Decimal	6200211
CIE _{Lab}	59.82, -21.72, -2.03
CIE _{LCh}	60, 21.812, 185.350
Yxy	27.9290, 0.2654, 0.3432
Android (android.graphics.Color)	4284390291 (0xFF5E9B93)
YUV	135.8490, 5.4974, -36.7016
Hunter-Lab	52.8479, -19.5348, 1.2594

Details

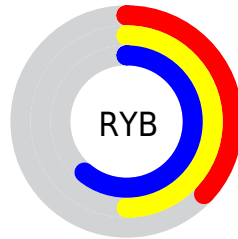
The Yxy color $27.9290, 0.2654, 0.3432$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $15.9217, 0.3950, 0.3158$, and the grayscale version is $24.5443, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5133, 0.2750, 0.3407$, and $11.2559, 0.2490, 0.3477$ is the 20% darker color. If you saturate the color by 10%, you get $27.1286, 0.2562, 0.3474$, and if you desaturate by 10%, it is $28.8973, 0.2760, 0.3392$.

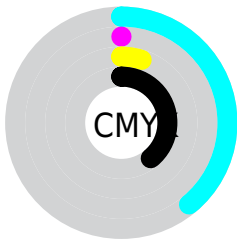
Distribution



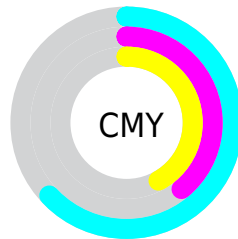
- Red (37%)
- Green (61%)
- Blue (58%)



- Red (37%)
- Yellow (50%)
- Blue (61%)



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





- Cyan (63%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9290, 0.2654, 0.3432 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 27.9290, 0.2654, 0.3432 by changing the saturation by 10% instead.


 27.9290, 0.2654,
0.3432


 27.9290, 0.2654,
0.3432

292.1275, 0.2909,
0.3357


 18.2721, 0.2584,
0.3452


 56.3711, 0.2751,
0.3404


 11.1455, 0.2489,
0.3478


 75.9251, 0.2786,
0.3394

 6.1648, 0.2355,
0.3515

 99.5469, 0.2815,
0.3385

 2.9456, 0.2152,
0.3567

 127.6210, 0.2840,
0.3378

 1.1034, 0.1690,
0.3702

160.5317, 0.2861,
0.3372

 0.0000, 0.0000,
0.0000

198.6634, 0.2879,

0.3366

242.4005, 0.2895,
0.3361

■ 27.9290, 0.2654,
0.3432

■ 27.9290, 0.2654,
0.3432

■ 27.1286, 0.2562,
0.3474

■ 28.8973, 0.2760,
0.3392

■ 26.4828, 0.2487,
0.3518

■ 30.0393, 0.2877,
0.3355

■ 25.9818, 0.2429,
0.3563

■ 31.3644, 0.3003,
0.3320

■ 25.6132, 0.2390,
0.3608

■ 32.8806, 0.3135,
0.3288

■ 25.3623, 0.2369,
0.3653

■ 34.5954, 0.3271,
0.3260

■ 25.1965, 0.2362,
0.3698

■ 36.5156, 0.3408,
0.3234

■ 25.1872, 0.2361,
0.3700

■ 38.6481, 0.3544,
0.3211

■ 40.9991, 0.3679,
0.3192

■ 43.5748, 0.3809,
0.3174

Harmonies

Analogous

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



27.9290, 0.2956, 0.3753



27.9290, 0.2654, 0.3432



27.9290, 0.2481, 0.3087

Triad

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



27.9290, 0.2654, 0.3432



27.9290, 0.2908, 0.2731



27.9290, 0.3827, 0.3708

Complementary

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



27.9290, 0.2654, 0.3432



15.9217, 0.3950, 0.3158

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.



27.9290, 0.3820, 0.3428



27.9290, 0.2654, 0.3432



27.9290, 0.3272, 0.2885

Square

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



27.9290, 0.2654, 0.3432



27.9290, 0.2621, 0.2706



27.9290, 0.3612, 0.3133



27.9290, 0.3638, 0.3900

Rectangle

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



27.9290, 0.2654, 0.3432



27.9290, 0.2455, 0.2900



27.9290, 0.3612, 0.3133



27.9290, 0.3848, 0.3621

Sweetspot

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



27.9301, 0.2654, 0.3432



55.4528, 0.2967, 0.3329



27.0839, 0.3147, 0.4433



12.4863, 0.2952, 0.3333



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.



27.9301, 0.2654, 0.3432



48.7694, 0.2575, 0.3468



21.4137, 0.2534, 0.2877



7.0126, 0.3005, 0.3319



20.2300, 0.2360, 0.3697



0.3058, 0.2305, 0.3496

Inverse Universe

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



15.9217, 0.3950, 0.3158



24.2841, 0.4228, 0.3132



20.3437, 0.3931, 0.3665



6.2352, 0.3264, 0.3261



5.6423, 0.6193, 0.3185



0.0873, 0.5448, 0.2775

Previews

White Background



This preview shows how the Yxy color 27.9290, 0.2654, 0.3432 looks on a white background.

Color Contrast Check

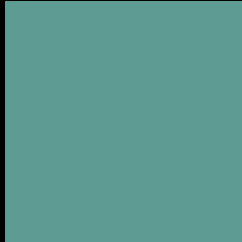
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9290, 0.2654, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

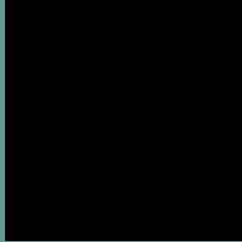
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9290, 0.2654, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 27.9290, 0.2654, 0.3432.



This preview shows how white text looks on a background with the Yxy color 27.9290, 0.2654, 0.3432.

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

27.9290, 0.2654, 0.3432

Protanopia

27.7414, 0.3200, 0.3339

Deuteranopia

27.5373, 0.3179, 0.3119



Tritanopia

27.8257, 0.2553, 0.3067

Trichromacy



Original Color

27.9290, 0.2654, 0.3432

Protanomaly

27.4398, 0.2972, 0.3357

Deuteranomaly

27.3263, 0.2957, 0.3223

Tritanomaly

27.7925, 0.2591, 0.3201

Monochromacy



Original Color

27.9290, 0.2654, 0.3432

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.6033, 0.2929, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9290, 0.2654, 0.3432 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, 155, 147)` looks like.

```
.text, #text, p{  
    color:rgb(94, 155, 147)  
}
```

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, 155, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 155, 147) }
```

Border

The CSS property to change the border of an element to Yxy 27.9290, 0.2654, 0.3432 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, 155, 147) }
```

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

```
.border{ border-color:rgb(94, 155, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 155, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 155, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 155, 147);  
box-shadow:4px 4px 4px 4px rgb(94, 155,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9290, 0.2654, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 155, 147) }
```

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

```
.background{ background-color: rgb(94, 155,  
147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor