

Converting Colors

$Y_{xy}(29.3969, 0.2895, 0.3317)$

Have a look what the booklet for
Yxy(29.3969, 0.2895, 0.3317)
contains.

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Color

Yxy(29.5289, 0.2895, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	7F9997
RGB	127, 153, 151
RGB Percent	50%, 60%, 59%
CMY	0.5018, 0.4000, 0.4078
CMYK	0.17, 0.00, 0.01, 0.40
HSL	175°, 11%, 55%
HSV	175°, 17%, 60%
XYZ	25.7333, 29.5289, 33.6267
YIQ	144.9980, -14.8540, -6.1340

Conversions

Conversions Part 2

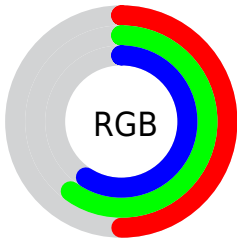
Format	Color
R_{YB}	127, 141, 153
Decimal	8362391
CIE _{Lab}	61.25, -9.49, -2.01
CIE _{LCh}	61, 9.703, 191.930
Yxy	29.5289, 0.2895, 0.3322
Android (android.graphics.Color)	4286552471 (0xFF7F9997)
YUV	144.9980, 2.9590, -15.7842
Hunter-Lab	54.3405, -10.5659, 1.3488

Details

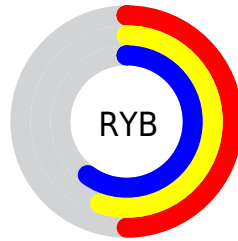
The Yxy color **29.5289, 0.2895, 0.3322** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5433, 0.3418, 0.3259**, and the grayscale version is **28.3096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7367, 0.2943, 0.3314**, and **12.0006, 0.2813, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **28.4051, 0.2769, 0.3343**, and if you desaturate by 10%, it is **30.8339, 0.3030, 0.3303**.

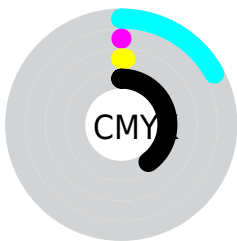
Distribution



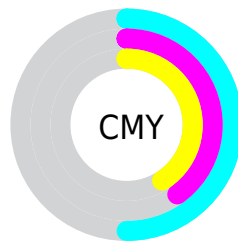
- Red (50%)
- Green (60%)
- Blue (59%)



- Red (50%)
- Yellow (55%)
- Blue (60%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)




- Cyan (50%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5289, 0.2895, 0.3322 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 29.5289, 0.2895, 0.3322 by changing the saturation by 10% instead.


 29.5289, 0.2895,
0.3322


 29.5289, 0.2895,
0.3322


299.7023, 0.3019,
0.3306


 19.4813, 0.2861,
0.3326


 58.9164, 0.2942,
0.3316

 12.0186, 0.2815,
0.3332


 79.0250, 0.2959,
0.3314

 6.7563, 0.2750,
0.3339


 103.2561, 0.2974,
0.3312

 3.3102, 0.2651,
0.3349

131.9940, 0.2986,
0.3310

 1.2957, 0.2483,
0.3364

165.6233, 0.2996,
0.3309

 0.1379, 0.0000,
0.3220

204.5281, 0.3005,

 0.0000, 0.0000,

0.3308

0.0000

249.0930, 0.3013,
0.3307

■ 29.5289, 0.2895,
0.3322

■ 29.5289, 0.2895,
0.3322

■ 28.4051, 0.2769,
0.3343

■ 30.8339, 0.3030,
0.3303

■ 27.4509, 0.2655,
0.3366

■ 32.3240, 0.3170,
0.3285

■ 26.6588, 0.2555,
0.3389

■ 34.0074, 0.3315,
0.3269

■ 26.0194, 0.2472,
0.3414

■ 35.8910, 0.3460,
0.3255

■ 25.5224, 0.2406,
0.3439

■ 37.9810, 0.3605,
0.3242

■ 25.1562, 0.2358,
0.3464

■ 40.2836, 0.3748,
0.3231

■ 24.9073, 0.2329,
0.3489

■ 42.8046, 0.3886,
0.3222

■ 24.7540, 0.2315,
0.3514

■ 45.5497, 0.4020,
0.3213

■ 24.7136, 0.2312,
0.3522

■ 46.6329, 0.4060,
0.3203

Harmonies

Analogous

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



29.5289, 0.3023, 0.3460



29.5289, 0.2895, 0.3322



29.5289, 0.2829, 0.3179

Triad

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



29.5289, 0.2895, 0.3322



29.5289, 0.3068, 0.3046



29.5289, 0.3421, 0.3503

Complementary

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



29.5289, 0.2895, 0.3322



23.5433, 0.3418, 0.3259

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.



29.5289, 0.3435, 0.3389



29.5289, 0.2895, 0.3322



29.5289, 0.3228, 0.3129

Square

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



29.5289, 0.2895, 0.3322



29.5289, 0.2927, 0.3024



29.5289, 0.3364, 0.3253



29.5289, 0.3327, 0.3564

Rectangle

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



29.5289, 0.2895, 0.3322



29.5289, 0.2828, 0.3101



29.5289, 0.3364, 0.3253



29.5289, 0.3435, 0.3470

Sweetspot

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



29.5301, 0.2895, 0.3322



55.6976, 0.3056, 0.3299



28.9964, 0.3128, 0.3732



12.2624, 0.3047, 0.3300



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.



29.5301, 0.2895, 0.3322



52.1633, 0.2851, 0.3329



26.2124, 0.2870, 0.3108



7.0184, 0.2999, 0.3307



20.4287, 0.2311, 0.3520



0.3075, 0.2280, 0.3407

Inverse Universe

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



23.5433, 0.3418, 0.3259



39.5802, 0.3490, 0.3252



26.4384, 0.3413, 0.3465



6.2300, 0.3272, 0.3273



5.6207, 0.6290, 0.3239



0.0858, 0.5798, 0.2968

Previews

White Background



This preview shows how the Yxy color 29.5289, 0.2895, 0.3322 looks on a white background.

Color Contrast Check

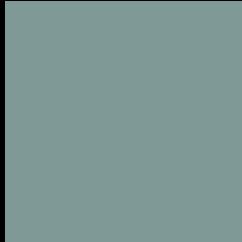
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5289, 0.2895, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

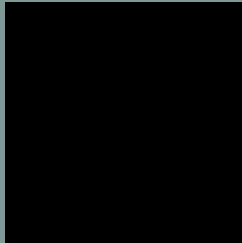
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

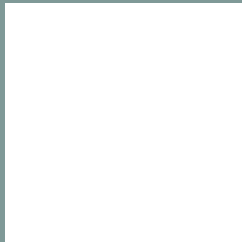
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.5289, 0.2895, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 29.5289, 0.2895, 0.3322.

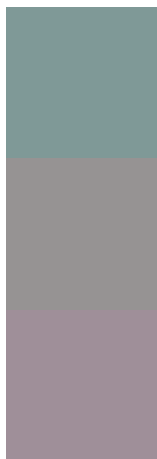


This preview shows how white text looks on a background with the Yxy color 29.5289, 0.2895, 0.3322.

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

29.5289, 0.2895, 0.3322

Protanopia

29.4581, 0.3158, 0.3290

Deuteranopia

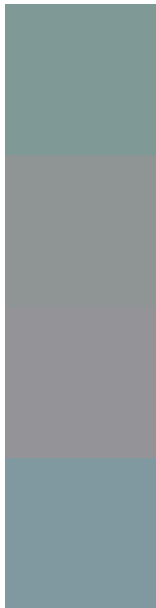
29.3158, 0.3198, 0.3138



Tritanopia

29.4447, 0.2811, 0.3096

Trichromacy



Original Color

29.5289, 0.2895, 0.3322

Protanomaly

29.3838, 0.3066, 0.3306

Deuteranomaly

29.3375, 0.3080, 0.3211

Tritanomaly

29.5489, 0.2836, 0.3176

Monochromacy



Original Color

29.5289, 0.2895, 0.3322

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.6897, 0.3035, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5289, 0.2895, 0.3322 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(127, 153, 151)` looks like.

```
.text, #text, p{  
    color:rgb(127, 153, 151)  
}
```

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(127, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 153, 151) }
```

Border

The CSS property to change the border of an element to Yxy 29.5289, 0.2895, 0.3322 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(127, 153, 151) }
```

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

```
.border{ border-color:rgb(127, 153, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 153, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(127, 153,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5289, 0.2895, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 153, 151) }
```

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

```
.background{ background-color: rgb(127,  
153, 151) }
```

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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