

Converting Colors

$Yxy(29.9235, 0.2661, 0.3535)$

Have a look what the booklet for
Yxy(29.9235, 0.2661, 0.3535)
contains.

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Color

Yxy(29.9235, 0.2661, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	5DA193
RGB	93, 161, 147
RGB Percent	36%, 63%, 58%
CMY	0.6354, 0.3686, 0.4234
CMYK	0.42, 0.00, 0.09, 0.37
HSL	168°, 27%, 50%
HSV	168°, 42%, 63%
XYZ	22.5252, 29.9235, 32.2006
YIQ	139.0720, -36.0340, -18.7700

Conversions

Conversions Part 2

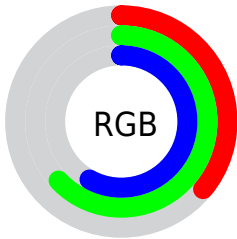
Format	Color
R_{YB}	93, 131, 161
Decimal	6136211
CIE _{Lab}	61.59, -25.01, 0.52
CIE _{LCh}	62, 25.019, 178.801
Yxy	29.9235, 0.2661, 0.3535
Android (android.graphics.Color)	4284326291 (0xFF5DA193)
YUV	139.0720, 3.9085, -40.4051
Hunter-Lab	54.7024, -22.2270, 3.3906

Details

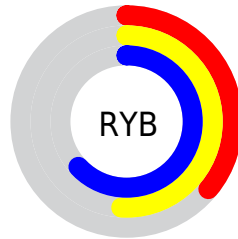
The Yxy color **29.9235, 0.2661, 0.3535** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.4636, 0.3961, 0.3067**, and the grayscale version is **25.8422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5318, 0.2757, 0.3483**, and **12.2317, 0.2495, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **29.0689, 0.2580, 0.3604**, and if you desaturate by 10%, it is **30.9603, 0.2756, 0.3470**.

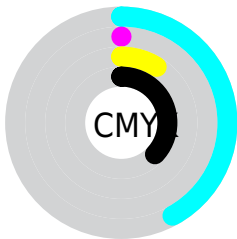
Distribution



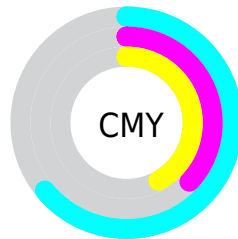
- Red (36%)
- Green (63%)
- Blue (58%)



- Red (36%)
- Yellow (51%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (9%)
- Black (37%)





- Cyan (64%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9235, 0.2661, 0.3535 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 29.9235, 0.2661, 0.3535 by changing the saturation by 10% instead.


 29.9235, 0.2661,
0.3535


 29.9235, 0.2661,
0.3535


301.5477, 0.2910,
0.3404


 19.7805, 0.2593,
0.3571


 59.5412, 0.2756,
0.3485


 12.2356, 0.2502,
0.3619


 79.7847, 0.2790,
0.3467

 6.9043, 0.2373,
0.3688


 104.1638, 0.2819,
0.3452

 3.4024, 0.2179,
0.3792

 133.0630, 0.2843,
0.3439

 1.3452, 0.1806,
0.3991

166.8665, 0.2863,
0.3428

 0.1758, 0.0000,
0.5317

205.9589, 0.2881,

 0.0000, 0.0000,

0.3419

0.0000

250.7245, 0.2897,
0.3411

■ 29.9235, 0.2661,
0.3535

■ 29.9235, 0.2661,
0.3535

■ 29.0689, 0.2580,
0.3604

■ 30.9603, 0.2756,
0.3470

■ 28.3817, 0.2515,
0.3675

■ 32.1861, 0.2863,
0.3409

■ 27.8507, 0.2468,
0.3749


■ 33.6114, 0.2978,
0.3352


■ 27.4616, 0.2440,
0.3823

■ 35.2451, 0.3099,
0.3301

■ 27.1974, 0.2430,
0.3896


■ 37.0955, 0.3224,
0.3254

 27.0474, 0.2432,
0.3953

 39.1704, 0.3350,
0.3213

 41.4773, 0.3475,
0.3176

 44.0233, 0.3598,
0.3143

 46.8152, 0.3719,
0.3115

Harmonies

Analogous

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



29.9235, 0.3019, 0.3874



29.9235, 0.2661, 0.3535



29.9235, 0.2434, 0.3139

Triad

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



29.9235, 0.2661, 0.3535



29.9235, 0.2801, 0.2650



29.9235, 0.3930, 0.3689

Complementary

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



29.9235, 0.2661, 0.3535



16.4636, 0.3961, 0.3067

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.



29.9235, 0.3872, 0.3367



29.9235, 0.2661, 0.3535



29.9235, 0.3196, 0.2792

Square

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



29.9235, 0.2661, 0.3535



29.9235, 0.2511, 0.2655



29.9235, 0.3596, 0.3047



29.9235, 0.3759, 0.3937

Rectangle

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



29.9235, 0.2661, 0.3535



29.9235, 0.2379, 0.2913



29.9235, 0.3596, 0.3047



29.9235, 0.3937, 0.3586

Sweetspot

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



29.9247, 0.2661, 0.3535



59.9213, 0.2966, 0.3358



29.4518, 0.3198, 0.4513



13.0195, 0.2942, 0.3369



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.



29.9247, 0.2661, 0.3535



52.0972, 0.2582, 0.3602



24.1656, 0.2508, 0.2945



7.9862, 0.3014, 0.3337



21.6066, 0.2430, 0.3947



0.4600, 0.2356, 0.3681

Inverse Universe

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



16.4636, 0.3961, 0.3067



24.6280, 0.4266, 0.3021



20.0120, 0.4051, 0.3603



7.1087, 0.3254, 0.3244



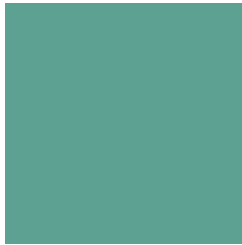
6.1447, 0.6018, 0.3089



0.1352, 0.5136, 0.2603

Previews

White Background



This preview shows how the Yxy color 29.9235, 0.2661, 0.3535 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 29.9235, 0.2661, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

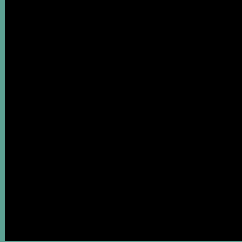
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9235, 0.2661, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 29.9235, 0.2661, 0.3535.

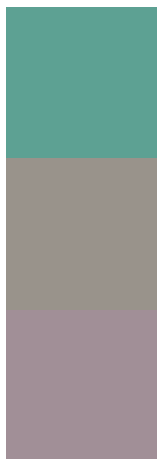


This preview shows how white text looks on a background with the Yxy color 29.9235, 0.2661, 0.3535.

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

29.9235, 0.2661, 0.3535

Protanopia

29.5038, 0.3269, 0.3416

Deuteranopia

29.4564, 0.3239, 0.3169



Tritanopia

30.0086, 0.2535, 0.3089

Trichromacy



Original Color

29.9235, 0.2661, 0.3535

Protanomaly

29.2348, 0.3011, 0.3456

Deuteranomaly

29.2489, 0.2988, 0.3290

Tritanomaly

29.9463, 0.2578, 0.3237

Monochromacy



Original Color

29.9235, 0.2661, 0.3535

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.9580, 0.2923, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9235, 0.2661, 0.3535 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(93, 161, 147)` looks like.

```
.text, #text, p{  
    color:rgb(93, 161, 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(93, 161, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 161, 147) }
```

Border

The CSS property to change the border of an element to Yxy 29.9235, 0.2661, 0.3535 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(93, 161, 147) }
```

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

```
.border{ border-color:rgb(93, 161, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 161, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 161, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 161, 147);  
box-shadow:4px 4px 4px 4px rgb(93, 161,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9235, 0.2661, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 161, 147) }
```

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

```
.background{ background-color: rgb(93, 161,  
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](#).

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