

Converting Colors

$Y_{xy}(25.3935, 0.2530, 0.3382)$

Have a look what the booklet for
Yxy(25.3935, 0.2530, 0.3382)
contains.

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Color

$Y_{xy}(25.3935, 0.2530, 0.3382)$

Conversions

Conversions Part 1

Format	Color
Hex	4C9691
RGB	76, 150, 145
RGB Percent	30%, 59%, 57%
CMY	0.7021, 0.4117, 0.4313
CMYK	0.49, 0.00, 0.03, 0.41
HSL	176°, 33%, 44%
HSV	176°, 49%, 59%
XYZ	18.9963, 25.3935, 30.6944
YIQ	127.3040, -42.4990, -17.2430

Conversions

Conversions Part 2

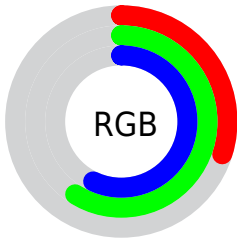
Format	Color
R_{YB}	76, 114, 150
Decimal	5019281
CIE _{Lab}	57.46, -24.29, -4.49
CIE _{LCh}	57, 24.701, 190.470
Yxy	25.3935, 0.2530, 0.3382
Android (android.graphics.Color)	4283209361 (0xFF4C9691)
YUV	127.3040, 8.7241, -44.9936
Hunter-Lab	50.3920, -20.8966, -0.8400

Details

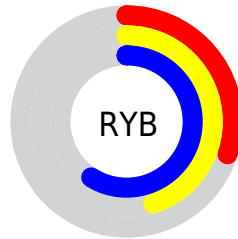
The Yxy color **25.3935, 0.2530, 0.3382** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.2420, 0.4363, 0.3209**, and the grayscale version is **21.3116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0551, 0.2651, 0.3357**, and **9.8355, 0.2316, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **24.8193, 0.2450, 0.3404**, and if you desaturate by 10%, it is **26.1132, 0.2627, 0.3361**.

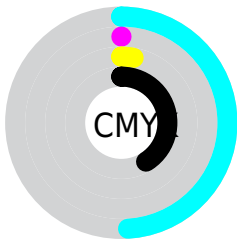
Distribution



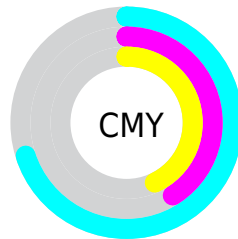
- Red (30%)
- Green (59%)
- Blue (57%)



- Red (30%)
- Yellow (45%)
- Blue (59%)



- Cyan (49%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)





- Cyan (70%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3935, 0.2530, 0.3382 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 25.3935, 0.2530, 0.3382 by changing the saturation by 10% instead.


 25.3935, 0.2530,
0.3382


 25.3935, 0.2530,
0.3382


279.7920, 0.2854,
0.3336


 16.3705, 0.2440,
0.3393


 52.2949, 0.2655,
0.3366


 9.7867, 0.2317,
0.3406

 70.9420, 0.2699,
0.3360


 5.2578, 0.2144,
0.3421

 93.5660, 0.2736,
0.3354

 2.3993, 0.1878,
0.3437

 120.5512, 0.2767,
0.3350

 0.8255, 0.0851,
0.3666

 152.2820, 0.2794,
0.3346

 0.0000, 0.0000,
0.0000

189.1428, 0.2817,

0.3342

231.5180, 0.2837,
0.3339

■ 25.3935, 0.2530,
0.3382

■ 25.3935, 0.2530,
0.3382

■ 24.8193, 0.2450,
0.3404

■ 26.1132, 0.2627,
0.3361

■ 24.3776, 0.2387,
0.3426

■ 26.9845, 0.2738,
0.3341

■ 24.0578, 0.2344,
0.3448


■ 28.0168, 0.2862,
0.3322


■ 23.8467, 0.2317,
0.3470

■ 29.2179, 0.2996,
0.3305


■ 23.7131, 0.2304,
0.3492


■ 30.5951, 0.3136,
0.3289

 23.7050, 0.2304,
0.3493

 32.1552, 0.3281,
0.3275

 33.9046, 0.3428,
0.3262

 35.8496, 0.3574,
0.3250

 37.9959, 0.3719,
0.3240

Harmonies

Analogous

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



25.3935, 0.2857, 0.3780



25.3935, 0.2530, 0.3382



25.3935, 0.2363, 0.2987

Triad

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



25.3935, 0.2530, 0.3382



25.3935, 0.2938, 0.2666



25.3935, 0.3921, 0.3819

Complementary

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



25.3935, 0.2530, 0.3382



12.2420, 0.4363, 0.3209

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.



25.3935, 0.3957, 0.3502



25.3935, 0.2530, 0.3382



25.3935, 0.3368, 0.2864

Square

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



25.3935, 0.2530, 0.3382



25.3935, 0.2586, 0.2608



25.3935, 0.3750, 0.3161



25.3935, 0.3664, 0.4023

Rectangle

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



25.3935, 0.2530, 0.3382



25.3935, 0.2355, 0.2787



25.3935, 0.3750, 0.3161



25.3935, 0.3960, 0.3721

Sweetspot

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



25.3945, 0.2530, 0.3382



50.2637, 0.2916, 0.3315



24.1358, 0.3109, 0.4779



11.0524, 0.2890, 0.3319



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.3945, 0.2530, 0.3382



43.7258, 0.2444, 0.3405



16.9679, 0.2381, 0.2676



6.5556, 0.2998, 0.3305



19.6606, 0.2303, 0.3492



0.2423, 0.2273, 0.3382

Inverse Universe

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



12.2420, 0.4363, 0.3209



17.7920, 0.4810, 0.3199



17.4828, 0.4175, 0.3817



5.8214, 0.3272, 0.3275



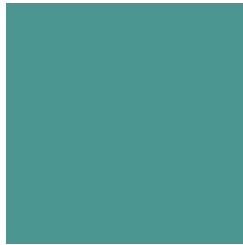
5.3981, 0.6301, 0.3245



0.0673, 0.5853, 0.2998

Previews

White Background



This preview shows how the Yxy color 25.3935, 0.2530, 0.3382 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 25.3935, 0.2530, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

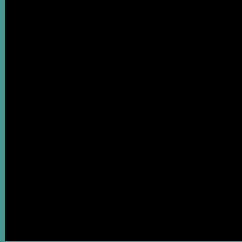
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3935, 0.2530, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 25.3935, 0.2530, 0.3382.

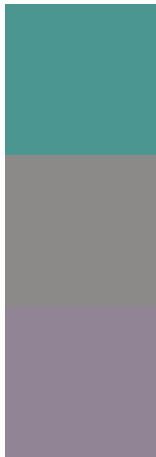


This preview shows how white text looks on a background with the Yxy color 25.3935, 0.2530, 0.3382.

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

25.3935, 0.2530, 0.3382

Protanopia

25.2729, 0.3160, 0.3290

Deuteranopia

24.9647, 0.3095, 0.3031



Tritanopia

25.4672, 0.2452, 0.3072

Trichromacy



Original Color

25.3935, 0.2530, 0.3382

Protanomaly

25.0214, 0.2889, 0.3325

Deuteranomaly

24.5964, 0.2843, 0.3133

Tritanomaly

25.5237, 0.2477, 0.3179

Monochromacy



Original Color

25.3935, 0.2530, 0.3382

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.2373, 0.2849, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3935, 0.2530, 0.3382 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(76, 150, 145)` looks like.

```
.text, #text, p{  
    color:rgb(76, 150, 145)  
}
```

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(76, 150, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 150, 145) }
```

Border

The CSS property to change the border of an element to Yxy 25.3935, 0.2530, 0.3382 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(76, 150, 145) }
```

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

```
.border{ border-color:rgb(76, 150, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 150, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 150, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 150, 145);  
box-shadow:4px 4px 4px 4px rgb(76, 150,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3935, 0.2530, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 150, 145) }
```

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

```
.background{ background-color: rgb(76, 150,  
145) }
```

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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