

Converting Colors

$Y_{xy}(25.8293, 0.2704, 0.3931)$

Have a look what the booklet for
Yxy(25.8293, 0.2704, 0.3931)
contains.

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Color

Yxy(25.9475, 0.2704, 0.3935)

Conversions

Conversions Part 1

Format	Color
Hex	4A9A79
RGB	74, 154, 121
RGB Percent	29%, 60%, 47%
CMY	0.7099, 0.3961, 0.5254
CMYK	0.52, 0.00, 0.21, 0.40
HSL	155°, 35%, 45%
HSV	155°, 52%, 60%
XYZ	17.8303, 25.9475, 22.1625
YIQ	126.3180, -37.0870, -27.2230

Conversions

Conversions Part 2

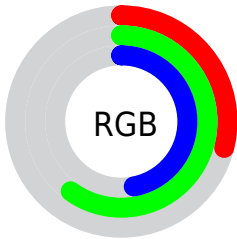
Format	Color
R_{YB}	74, 124, 154
Decimal	4889209
CIE _{Lab}	57.99, -32.68, 9.92
CIE _{LCh}	58, 34.155, 163.122
Yxy	25.9475, 0.2704, 0.3935
Android (android.graphics.Color)	4283079289 (0xFF4A9A79)
YUV	126.3180, -2.6218, -45.8829
Hunter-Lab	50.9387, -26.6617, 9.8610

Details

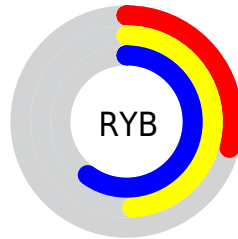
The Yxy color **25.9475, 0.2704, 0.3935** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.8261, 0.3949, 0.2749**, and the grayscale version is **20.9956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2073, 0.2799, 0.3795**, and **10.0418, 0.2540, 0.4210** is the 20% darker color. If you saturate the color by 10%, you get **25.2598, 0.2655, 0.4087**, and if you desaturate by 10%, it is **26.7972, 0.2767, 0.3790**.

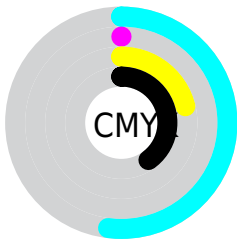
Distribution



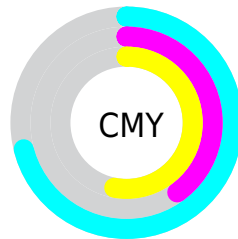
- Red (29%)
- Green (60%)
- Blue (47%)



- Red (29%)
- Yellow (49%)
- Blue (60%)



- Cyan (52%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)




- Cyan (71%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9475, 0.2704, 0.3935 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 25.9475, 0.2704, 0.3935 by changing the saturation by 10% instead.


 25.9475, 0.2704,
0.3935


 25.9475, 0.2704,
0.3935


282.5243, 0.2942,
0.3568


 16.7844, 0.2634,
0.4046


 53.1902, 0.2798,
0.3789


 10.0809, 0.2536,
0.4201


 72.0386, 0.2831,
0.3738


 5.4526, 0.2390,
0.4437

 94.8842, 0.2858,
0.3696

 2.5152, 0.2153,
0.4831

 122.1115, 0.2880,
0.3662

 0.8842, 0.0356,
0.7392

 154.1047, 0.2899,
0.3633

 0.0000, 0.0000,
0.0000

191.2483, 0.2916,

0.3608

233.9267, 0.2930,
0.3587

■ 25.9475, 0.2704,
0.3935

■ 25.9475, 0.2704,
0.3935

■ 25.2598, 0.2655,
0.4087

■ 26.7972, 0.2767,
0.3790

■ 24.7196, 0.2624,
0.4244

■ 27.8158, 0.2842,
0.3654

■ 24.3151, 0.2612,
0.4402

■ 29.0139, 0.2926,
0.3528

■ 24.0311, 0.2619,
0.4558

■ 30.4000, 0.3016,
0.3413

■ 23.8597, 0.2634,
0.4681

■ 31.9821, 0.3109,
0.3309

■ 33.7679, 0.3203,
0.3216

■ 35.7645, 0.3297,
0.3134

■ 37.9787, 0.3390,
0.3061

■ 40.4170, 0.3479,
0.2997

Harmonies

Analogous

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



25.9475, 0.3256, 0.4303



25.9475, 0.2704, 0.3935



25.9475, 0.2290, 0.3353

Triad

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



25.9475, 0.2704, 0.3935



25.9475, 0.2430, 0.2379



25.9475, 0.4277, 0.3591

Complementary

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



25.9475, 0.2704, 0.3935



12.8261, 0.3949, 0.2749

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.



25.9475, 0.4022, 0.3143



25.9475, 0.2704, 0.3935



25.9475, 0.2912, 0.2478

Square

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



25.9475, 0.2704, 0.3935



25.9475, 0.2149, 0.2486



25.9475, 0.3502, 0.2750



25.9475, 0.4185, 0.4016

Rectangle

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



25.9475, 0.2704, 0.3935



25.9475, 0.2136, 0.2979



25.9475, 0.3502, 0.2750



25.9475, 0.4230, 0.3440

Sweetspot

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



25.9485, 0.2704, 0.3935



54.0804, 0.2976, 0.3462



26.7526, 0.3357, 0.4753



12.1329, 0.2959, 0.3483



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.



25.9485, 0.2704, 0.3935



45.7434, 0.2650, 0.4107



24.7602, 0.2446, 0.3164



6.9834, 0.3041, 0.3383



19.4452, 0.2630, 0.4669



0.2979, 0.2447, 0.4011

Inverse Universe

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



12.8261, 0.3949, 0.2749



19.2846, 0.4236, 0.2658



13.1973, 0.4508, 0.3403



6.2628, 0.3222, 0.3199



5.9008, 0.5275, 0.2679



0.0952, 0.4289, 0.2137

Previews

White Background



This preview shows how the Yxy color 25.9475, 0.2704, 0.3935 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 25.9475, 0.2704, 0.3935 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 25.9475, 0.2704, 0.3935

Background



This preview shows how black text looks on a background with the Yxy color 25.9475, 0.2704, 0.3935.

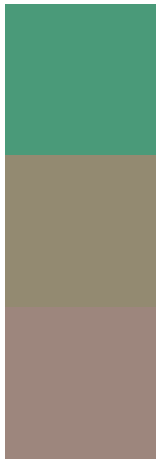


This preview shows how white text looks on a background with the Yxy color 25.9475, 0.2704, 0.3935.

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

25.9475, 0.2704, 0.3935

Protanopia

25.5723, 0.3495, 0.3708

Deuteranopia

25.6990, 0.3493, 0.3435



Tritanopia

26.0465, 0.2481, 0.3075

Trichromacy



Original Color

25.9475, 0.2704, 0.3935

Protanomaly

25.2005, 0.3145, 0.3798

Deuteranomaly

25.0170, 0.3145, 0.3591

Tritanomaly

26.0024, 0.2566, 0.3381

Monochromacy



Original Color

25.9475, 0.2704, 0.3935

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.1894, 0.2934, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9475, 0.2704, 0.3935 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(74, 154, 121)` looks like.

```
.text, #text, p{  
  color:rgb(74, 154, 121)  
}
```

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(74, 154, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 154, 121) }
```

Border

The CSS property to change the border of an element to Yxy 25.9475, 0.2704, 0.3935 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(74, 154, 121) }
```

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

```
.border{ border-color:rgb(74, 154, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 154, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 154, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 154, 121);  
box-shadow:4px 4px 4px 4px rgb(74, 154,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9475, 0.2704, 0.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 154, 121) }
```

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

```
.background{ background-color: rgb(74, 154,  
121) }
```

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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