

Converting Colors

$Yxy(25.9118, 0.2540, 0.3556)$

Have a look what the booklet for
Yxy(25.9118, 0.2540, 0.3556)
contains.

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Color

Yxy(25.9118, 0.2540, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	45998B
RGB	69, 153, 139
RGB Percent	27%, 60%, 55%
CMY	0.7291, 0.4000, 0.4549
CMYK	0.55, 0.00, 0.09, 0.40
HSL	170°, 38%, 44%
HSV	170°, 55%, 60%
XYZ	18.5084, 25.9118, 28.4476
YIQ	126.2880, -45.5700, -22.1620

Conversions

Conversions Part 2

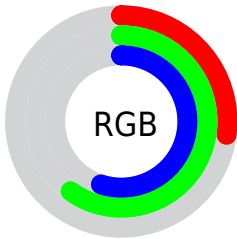
Format	Color
RYB	69, 115, 153
Decimal	4561291
CIELab	57.95, -28.95, -0.35
CIElCh	58, 28.956, 180.696
Yxy	25.9118, 0.2540, 0.3556
Android (android.graphics.Color)	4282751371 (0xFF45998B)
YUV	126.2880, 6.2670, -50.2416
Hunter-Lab	50.9036, -24.1792, 2.4982

Details

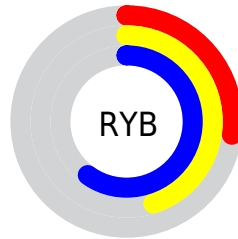
The Yxy color **25.9118, 0.2540, 0.3556** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.6623, 0.4423, 0.3064**, and the grayscale version is **20.9630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2026, 0.2664, 0.3510**, and **10.0286, 0.2345, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **25.3492, 0.2477, 0.3613**, and if you desaturate by 10%, it is **26.6225, 0.2620, 0.3501**.

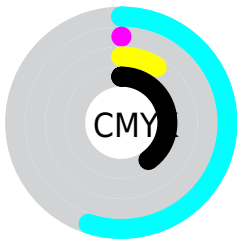
Distribution



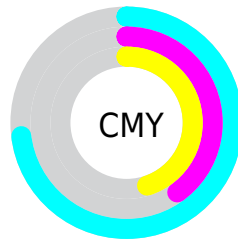
- Red (27%)
- Green (60%)
- Blue (55%)



- Red (27%)
- Yellow (45%)
- Blue (60%)



- Cyan (55%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)





- Cyan (73%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9118, 0.2540, 0.3556 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 25.9118, 0.2540, 0.3556 by changing the saturation by 10% instead.


 25.9118, 0.2540,
0.3556


 25.9118, 0.2540,
0.3556


282.3488, 0.2860,
0.3411


 16.7577, 0.2450,
0.3596

 53.1326, 0.2663,
0.3500

 10.0619, 0.2329,
0.3651


 71.9681, 0.2707,
0.3481

 5.4400, 0.2155,
0.3729

 94.7995, 0.2744,
0.3464

 2.5077, 0.1888,
0.3847

 122.0112, 0.2775,
0.3450

 0.8805, 0.0652,
0.4416

 153.9876, 0.2801,
0.3438

 0.0000, 0.0000,
0.0000

191.1130, 0.2823,

0.3428

233.7720, 0.2843,
0.3419

■ 25.9118, 0.2540,
0.3556

■ 25.9118, 0.2540,
0.3556

■ 25.3492, 0.2477,
0.3613

■ 26.6225, 0.2620,
0.3501

■ 24.9203, 0.2431,
0.3672

■ 27.4883, 0.2716,
0.3448

■ 24.6131, 0.2405,
0.3730

■ 28.5195, 0.2823,
0.3398

■ 24.4112, 0.2396,
0.3788

■ 29.7247, 0.2941,
0.3352

■ 24.3257, 0.2394,
0.3818

■ 31.1117, 0.3065,
0.3309

■ 32.6879, 0.3194,
0.3271

■ 34.4604, 0.3325,
0.3236

■ 36.4358, 0.3456,
0.3205

■ 38.6205, 0.3586,
0.3178

Harmonies

Analogous

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



25.9118, 0.2960, 0.3989



25.9118, 0.2540, 0.3556



25.9118, 0.2286, 0.3070

Triad

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



25.9118, 0.2540, 0.3556



25.9118, 0.2758, 0.2533



25.9118, 0.4095, 0.3781

Complementary

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



25.9118, 0.2540, 0.3556



11.6623, 0.4423, 0.3064

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.



25.9118, 0.4046, 0.3397



25.9118, 0.2540, 0.3556



25.9118, 0.3239, 0.2711

Square

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



25.9118, 0.2540, 0.3556



25.9118, 0.2405, 0.2522



25.9118, 0.3723, 0.3018



25.9118, 0.3866, 0.4081

Rectangle

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



25.9118, 0.2540, 0.3556



25.9118, 0.2232, 0.2805



25.9118, 0.3723, 0.3018



25.9118, 0.4112, 0.3658

Sweetspot

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



25.9128, 0.2540, 0.3556



52.9012, 0.2923, 0.3358



25.1177, 0.3174, 0.4933



11.5889, 0.2901, 0.3367



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.



25.9128, 0.2540, 0.3556



45.1904, 0.2464, 0.3627



18.5966, 0.2339, 0.2767



7.0088, 0.3010, 0.3327



20.1100, 0.2393, 0.3814



0.3048, 0.2321, 0.3555

Inverse Universe

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



11.6623, 0.4423, 0.3064



16.9479, 0.4915, 0.3040



15.5037, 0.4421, 0.3733



6.2387, 0.3258, 0.3253



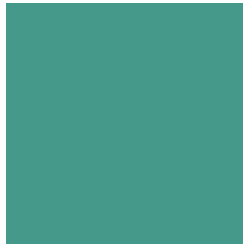
5.6607, 0.6113, 0.3141



0.0883, 0.5251, 0.2666

Previews

White Background



This preview shows how the Yxy color 25.9118, 0.2540, 0.3556 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 25.9118, 0.2540, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

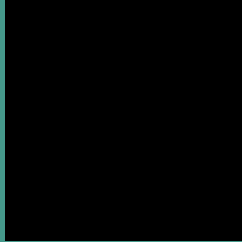
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9118, 0.2540, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 25.9118, 0.2540, 0.3556.

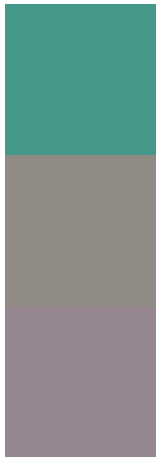


This preview shows how white text looks on a background with the Yxy color 25.9118, 0.2540, 0.3556.

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

25.9118, 0.2540, 0.3556

Protanopia

25.6553, 0.3255, 0.3407

Deuteranopia

25.5174, 0.3213, 0.3146



Tritanopia

25.9991, 0.2422, 0.3073

Trichromacy



Original Color

25.9118, 0.2540, 0.3556

Protanomaly

25.0792, 0.2935, 0.3451

Deuteranomaly

25.0677, 0.2910, 0.3272

Tritanomaly

25.9222, 0.2460, 0.3233

Monochromacy



Original Color

25.9118, 0.2540, 0.3556

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.2503, 0.2848, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9118, 0.2540, 0.3556 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(69, 153, 139)` looks like.

```
.text, #text, p{  
    color:rgb(69, 153, 139)  
}
```

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(69, 153, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 153, 139) }
```

Border

The CSS property to change the border of an element to Yxy 25.9118, 0.2540, 0.3556 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(69, 153, 139) }
```

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

```
.border{ border-color:rgb(69, 153, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 153, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 153, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 153, 139);  
box-shadow:4px 4px 4px 4px rgb(69, 153,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9118, 0.2540, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 153, 139) }
```

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

```
.background{ background-color: rgb(69, 153,  
139) }
```

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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