

Converting Colors

$Y_{xy}(25.7454, 0.3530, 0.3538)$

Have a look what the booklet for
Yxy(25.7454, 0.3530, 0.3538)
contains.

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Color

Yxy(25.7519, 0.3534, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	9C8778
RGB	156, 135, 120
RGB Percent	61%, 53%, 47%
CMY	0.3884, 0.4705, 0.5295
CMYK	0.00, 0.13, 0.23, 0.39
HSL	25°, 15%, 54%
HSV	25°, 23%, 61%
XYZ	25.7592, 25.7519, 21.3785
YIQ	139.5690, 17.3310, -0.2130

Conversions

Conversions Part 2

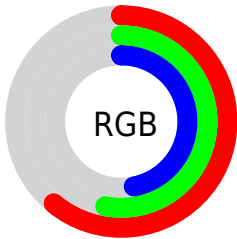
Format	Color
R_{YB}	156, 146, 120
Decimal	10258296
CIE _{Lab}	57.80, 5.46, 11.00
CIE _{LCh}	58, 12.281, 63.588
Yxy	25.7519, 0.3534, 0.3533
Android (android.graphics.Color)	4288448376 (0xFF9C8778)
YUV	139.5690, -9.6475, 14.4100
Hunter-Lab	50.7463, 1.8018, 10.5446

Details

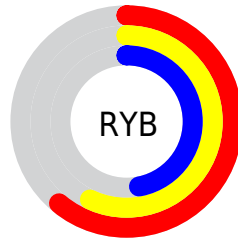
The Yxy color **25.7519, 0.3534, 0.3533** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4238, 0.2775, 0.3034**, and the grayscale version is **26.0818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7939, 0.3451, 0.3484**, and **9.9079, 0.3677, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **22.9770, 0.3756, 0.3645**, and if you desaturate by 10%, it is **28.8071, 0.3341, 0.3424**.

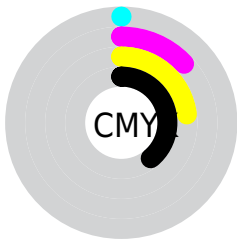
Distribution



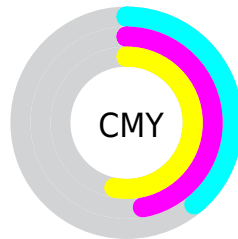
- Red (61%)
- Green (53%)
- Blue (47%)



- Red (61%)
- Yellow (57%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (39%)





- Cyan (39%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7519, 0.3534, 0.3533 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 25.7519, 0.3534, 0.3533 by changing the saturation by 10% instead.


 25.7519, 0.3534,
0.3533


 25.7519, 0.3534,
0.3533


281.5620, 0.3309,
0.3402


 16.6381, 0.3598,
0.3569


 52.8744, 0.3447,
0.3483

 9.9768, 0.3686,
0.3617


 71.6520, 0.3416,
0.3465

 5.3836, 0.3814,
0.3684

 94.4196, 0.3390,
0.3450

 2.4740, 0.4016,
0.3784

121.5616, 0.3369,
0.3438

 0.8636, 0.4810,
0.4331

153.4625, 0.3351,
0.3427

 0.0000, 0.0000,
0.0000

190.5066, 0.3335,

0.3418

233.0783, 0.3321,
0.3409

■ 25.7519, 0.3534,
0.3533

■ 25.7519, 0.3534,
0.3533

■ 22.9770, 0.3756,
0.3645

■ 28.8071, 0.3341,
0.3424

■ 20.4706, 0.4006,
0.3755

■ 32.1469, 0.3174,
0.3320

■ 18.2249, 0.4285,
0.3856

■ 35.7803, 0.3030,
0.3224

■ 16.2306, 0.4584,
0.3939

■ 39.7146, 0.2905,
0.3134

■ 14.4776, 0.4892,
0.3991

■ 43.9567, 0.2798,
0.3052

■ 12.9551, 0.5190,
0.4002

■ 48.5134, 0.2706,
0.2977

■ 11.6510, 0.5456,
0.3962

■ 53.3914, 0.2625,
0.2908

■ 10.8617, 0.5625,
0.3916

■ 58.5969, 0.2555,
0.2845

■ 63.7862, 0.2520,
0.2845

Harmonies

Analogous

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



25.7519, 0.3521, 0.3368



25.7519, 0.3534, 0.3533



25.7519, 0.3435, 0.3640

Triad

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



25.7519, 0.3534, 0.3533



25.7519, 0.2860, 0.3386



25.7519, 0.2991, 0.2953

Complementary

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



25.7519, 0.3534, 0.3533



25.4238, 0.2775, 0.3034

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.



25.7519, 0.2822, 0.2948



25.7519, 0.3534, 0.3533



25.7519, 0.2749, 0.3190

Square

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



25.7519, 0.3534, 0.3533



25.7519, 0.3044, 0.3559



25.7519, 0.2735, 0.3032



25.7519, 0.3201, 0.3042

Rectangle

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



25.7519, 0.3534, 0.3533



25.7519, 0.3321, 0.3661



25.7519, 0.2735, 0.3032



25.7519, 0.2928, 0.2942

Sweetspot

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



25.7531, 0.3534, 0.3533



55.8804, 0.3239, 0.3362



22.4175, 0.3327, 0.2956



12.2254, 0.3247, 0.3367



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.



25.7531, 0.3534, 0.3533



43.9669, 0.3652, 0.3594



31.1931, 0.3475, 0.3806



7.0786, 0.3274, 0.3384



9.0163, 0.5612, 0.3926



0.2428, 0.4962, 0.4442

Inverse Universe

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



25.4238, 0.2775, 0.3034



43.2518, 0.2691, 0.2964



20.5544, 0.2751, 0.2716



7.0446, 0.2988, 0.3194



8.1876, 0.1859, 0.1891



0.2288, 0.2031, 0.2510

Previews

White Background



This preview shows how the Yxy color 25.7519, 0.3534, 0.3533 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 25.7519, 0.3534, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

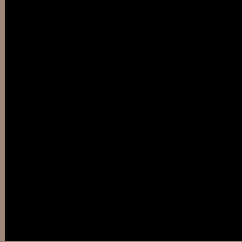
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7519, 0.3534, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 25.7519, 0.3534, 0.3533.



This preview shows how white text looks on a background with the Yxy color 25.7519, 0.3534, 0.3533.

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

25.7519, 0.3534, 0.3533

Protanopia

25.8901, 0.3372, 0.3574

Deuteranopia

25.7772, 0.3574, 0.3514



Tritanopia

25.8265, 0.3330, 0.3135

Trichromacy



Original Color

25.7519, 0.3534, 0.3533

Protanomaly

25.9470, 0.3431, 0.3571

Deuteranomaly

25.6754, 0.3562, 0.3515

Tritanomaly

25.7654, 0.3405, 0.3275

Monochromacy



Original Color

25.7519, 0.3534, 0.3533

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9814, 0.3268, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7519, 0.3534, 0.3533 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(156, 135, 120)` looks like.

```
.text, #text, p{  
    color:rgb(156, 135, 120)  
}
```

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(156, 135, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 135, 120) }
```

Border

The CSS property to change the border of an element to Yxy 25.7519, 0.3534, 0.3533 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(156, 135, 120) }
```

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

```
.border{ border-color:rgb(156, 135, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 135, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 135, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 135, 120);  
box-shadow:4px 4px 4px 4px rgb(156, 135,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7519, 0.3534, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 135, 120) }
```

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

```
.background{ background-color: rgb(156,  
135, 120) }
```

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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