

Converting Colors

$Y_{xy}(25.3732, 0.3519, 0.3452)$

Have a look what the booklet for
Yxy(25.3732, 0.3519, 0.3452)
contains.

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Color

Yxy(25.3732, 0.3519, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	9D857B
RGB	157, 133, 123
RGB Percent	62%, 52%, 48%
CMY	0.3843, 0.4784, 0.5178
CMYK	0.00, 0.15, 0.22, 0.38
HSL	18°, 15%, 55%
HSV	18°, 22%, 62%
XYZ	25.8657, 25.3732, 22.2640
YIQ	139.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

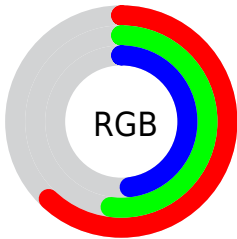
Format	Color
R_{YB}	157, 137, 123
Decimal	10323323
CIE Lab	57.44, 7.48, 8.79
CIE LCh	57, 11.538, 49.619
Yxy	25.3732, 0.3519, 0.3452
Android (android.graphics.Color)	4288513403 (0xFF9D857B)
YUV	139.0360, -7.9057, 15.7544
Hunter-Lab	50.3718, 3.5082, 9.0545

Details

The Yxy color $25.3732, 0.3519, 0.3452$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.4998, 0.2802, 0.3122$, and the grayscale version is $25.8591, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2100, 0.3439, 0.3423$, and $9.6842, 0.3672, 0.3502$ is the 20% darker color. If you saturate the color by 10%, you get $22.1389, 0.3753, 0.3532$, and if you desaturate by 10%, it is $28.9924, 0.3320, 0.3375$.

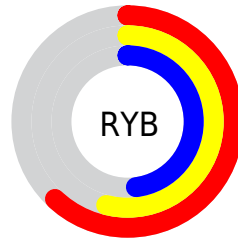
Distribution



Red (62%)

Green (52%)

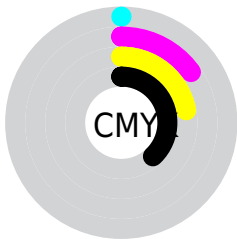
Blue (48%)



Red (62%)

Yellow (54%)

Blue (48%)

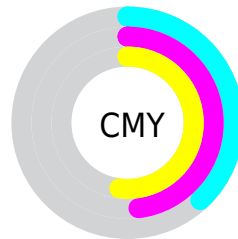


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (38%)



Cyan (38%)


Magenta (48%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3732, 0.3519, 0.3452 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 25.3732, 0.3519, 0.3452 by changing the saturation by 10% instead.


 25.3732, 0.3519,
0.3452


 25.3732, 0.3519,
0.3452

279.6914, 0.3302,
0.3366


 16.3553, 0.3582,
0.3475


 52.2620, 0.3434,
0.3419

 9.7759, 0.3668,
0.3506


 70.9017, 0.3404,
0.3407

 5.2506, 0.3794,
0.3549

 93.5175, 0.3380,
0.3398

 2.3951, 0.3995,
0.3611

120.4938, 0.3359,
0.3389

 0.8233, 0.4677,
0.3965

152.2149, 0.3342,
0.3382

 0.0000, 0.0000,
0.0000

189.0653, 0.3326,

0.3376

231.4294, 0.3313,
0.3370

■ 25.3732, 0.3519,
0.3452

■ 25.3732, 0.3519,
0.3452

■ 22.1389, 0.3753,
0.3532

■ 28.9924, 0.3320,
0.3375

■ 19.2731, 0.4026,
0.3611

■ 33.0053, 0.3153,
0.3302

■ 16.7634, 0.4337,
0.3683

■ 37.4246, 0.3011,
0.3234

■ 14.5954, 0.4683,
0.3740

■ 42.2615, 0.2891,
0.3172

■ 12.7535, 0.5048,
0.3772

■ 47.5268, 0.2790,
0.3115

■ 11.2209, 0.5406,
0.3766

■ 53.2307, 0.2703,
0.3063

■ 9.9789, 0.5724,
0.3717

■ 59.3833, 0.2629,
0.3016

■ 9.1453, 0.5953,
0.3655

■ 65.9943, 0.2566,
0.2973

■ 72.4612, 0.2554,
0.3034

Harmonies

Analogous

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



25.3732, 0.3456, 0.3285



25.3732, 0.3519, 0.3452



25.3732, 0.3473, 0.3583

Triad

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



25.3732, 0.3519, 0.3452



25.3732, 0.2950, 0.3463



25.3732, 0.2917, 0.2959

Complementary

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



25.3732, 0.3519, 0.3452



27.4998, 0.2802, 0.3122

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.



25.3732, 0.2790, 0.2994



25.3732, 0.3519, 0.3452



25.3732, 0.2808, 0.3281

Square

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



25.3732, 0.3519, 0.3452



25.3732, 0.3141, 0.3596



25.3732, 0.2751, 0.3109



25.3732, 0.3103, 0.3007

Rectangle

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



25.3732, 0.3519, 0.3452



25.3732, 0.3388, 0.3631



25.3732, 0.2751, 0.3109



25.3732, 0.2866, 0.2961

Sweetspot

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



25.3744, 0.3519, 0.3452



55.0957, 0.3241, 0.3341



23.4451, 0.3260, 0.2908



12.0408, 0.3250, 0.3345



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.



25.3744, 0.3519, 0.3452



42.5619, 0.3627, 0.3490



30.2911, 0.3467, 0.3708



6.9491, 0.3277, 0.3357



7.4856, 0.5939, 0.3666



0.2020, 0.5241, 0.4221

Inverse Universe

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



27.4998, 0.2802, 0.3122



47.0551, 0.2730, 0.3080



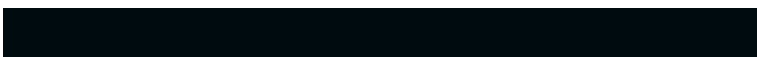
22.7006, 0.2782, 0.2835



7.1788, 0.2988, 0.3223



11.2243, 0.1978, 0.2321



0.2699, 0.2098, 0.2754

Previews

White Background



This preview shows how the Yxy color 25.3732, 0.3519, 0.3452 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 25.3732, 0.3519, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

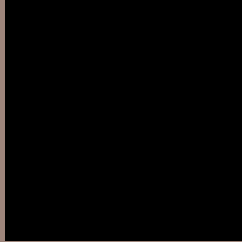
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3732, 0.3519, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 25.3732, 0.3519, 0.3452.



This preview shows how white text looks on a background with the Yxy color 25.3732, 0.3519, 0.3452.

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

25.3732, 0.3519, 0.3452

Protanopia

25.5869, 0.3330, 0.3508

Deuteranopia

25.3732, 0.3519, 0.3452



Tritanopia

25.2593, 0.3344, 0.3119

Trichromacy



Original Color

25.3732, 0.3519, 0.3452

Protanomaly

25.4531, 0.3404, 0.3489

Deuteranomaly

25.3732, 0.3519, 0.3452

Tritanomaly

25.2229, 0.3410, 0.3243

Monochromacy



Original Color

25.3732, 0.3519, 0.3452

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6958, 0.3270, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3732, 0.3519, 0.3452 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(157, 133, 123)` looks like.

```
.text, #text, p{  
    color:rgb(157, 133, 123)  
}
```

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(157, 133, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 133, 123) }
```

Border

The CSS property to change the border of an element to Yxy 25.3732, 0.3519, 0.3452 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(157, 133, 123) }
```

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

```
.border{ border-color:rgb(157, 133, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 133, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 133, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 133, 123);  
box-shadow:4px 4px 4px 4px rgb(157, 133,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3732, 0.3519, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 133, 123) }
```

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

```
.background{ background-color: rgb(157,  
133, 123) }
```

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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