

Converting Colors

$Y_{xy}(26.1831, 0.3572, 0.3688)$

Have a look what the booklet for
Yxy(26.1831, 0.3572, 0.3688)
contains.

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Color

Yxy(26.2392, 0.3578, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	9A8A71
RGB	154, 138, 113
RGB Percent	60%, 54%, 44%
CMY	0.3961, 0.4588, 0.5570
CMYK	0.00, 0.10, 0.27, 0.40
HSL	37°, 17%, 52%
HSV	37°, 27%, 60%
XYZ	25.3946, 26.2392, 19.3405
YIQ	139.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

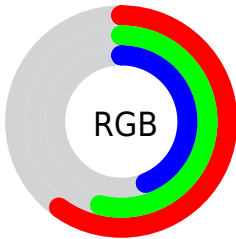
Format	Color
R_{YB}	139, 154, 113
Decimal	10127985
CIE _{Lab}	58.26, 1.94, 15.61
CIE _{LCh}	58, 15.734, 82.936
Yxy	26.2392, 0.3578, 0.3697
Android (android.graphics.Color)	4288318065 (0xFF9A8A71)
YUV	139.9340, -13.2785, 12.3359
Hunter-Lab	51.2242, -1.1503, 13.4711

Details

The Yxy color **26.2392, 0.3578, 0.3697** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.5347, 0.2707, 0.2846**, and the grayscale version is **26.2459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5335, 0.3484, 0.3606**, and **10.1859, 0.3737, 0.3836** is the 20% darker color. If you saturate the color by 10%, you get **24.2468, 0.3779, 0.3856**, and if you desaturate by 10%, it is **28.3881, 0.3394, 0.3539**.

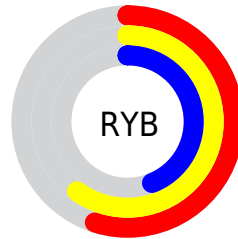
Distribution



Red (60%)

Green (54%)

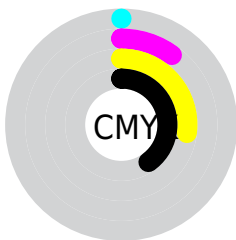
Blue (44%)



Red (55%)

Yellow (60%)

Blue (44%)

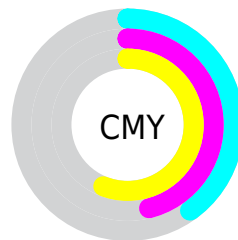


Cyan (0%)

Magenta (10%)

Yellow (27%)

Black (40%)



Cyan (40%)

Magenta (46%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2392, 0.3578, 0.3697 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 26.2392, 0.3578, 0.3697 by changing the saturation by 10% instead.


 26.2392, 0.3578,
0.3697


 26.2392, 0.3578,
0.3697


283.9543, 0.3331,
0.3476


 17.0027, 0.3647,
0.3758


 53.6606, 0.3483,
0.3612

 10.2364, 0.3742,
0.3840


 72.6142, 0.3449,
0.3582

 5.5560, 0.3876,
0.3956

 95.5757, 0.3421,
0.3557

 2.5770, 0.4081,
0.4129

 122.9294, 0.3397,
0.3535

 0.9151, 0.5011,
0.4989

155.0597, 0.3377,
0.3517

 0.0000, 0.0000,
0.0000

192.3510, 0.3359,

0.3502

235.1878, 0.3344,
0.3488

■ 26.2392, 0.3578,
0.3697

■ 26.2392, 0.3578,
0.3697

■ 24.2468, 0.3779,
0.3856

■ 28.3881, 0.3394,
0.3539

■ 22.4028, 0.3993,
0.4009

■ 30.6942, 0.3228,
0.3387

■ 20.7037, 0.4217,
0.4148

■ 33.1628, 0.3079,
0.3242

■ 19.1443, 0.4442,
0.4263

■ 35.7976, 0.2947,
0.3107

■ 17.7189, 0.4657,
0.4342

■ 38.6025, 0.2829,
0.2982

■ 16.4213, 0.4852,
0.4376

■ 41.5808, 0.2726,
0.2867

■ 15.2425, 0.5018,
0.4362

■ 44.7362, 0.2634,
0.2761

■ 14.8682, 0.5073,
0.4354

■ 48.0720, 0.2552,
0.2664

■ 51.5912, 0.2480,
0.2575

Harmonies

Analogous

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



26.2392, 0.3658, 0.3526



26.2392, 0.3578, 0.3697



26.2392, 0.3376, 0.3765

Triad

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



26.2392, 0.3578, 0.3697



26.2392, 0.2686, 0.3247



26.2392, 0.3123, 0.2928

Complementary

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



26.2392, 0.3578, 0.3697



21.5347, 0.2707, 0.2846

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.



26.2392, 0.2868, 0.2851



26.2392, 0.3578, 0.3697



26.2392, 0.2624, 0.3021

Square

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



26.2392, 0.3578, 0.3697



26.2392, 0.2862, 0.3499



26.2392, 0.2689, 0.2881



26.2392, 0.3389, 0.3091

Rectangle

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



26.2392, 0.3578, 0.3697



26.2392, 0.3204, 0.3733



26.2392, 0.2689, 0.2881



26.2392, 0.3033, 0.2891

Sweetspot

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



26.2404, 0.3578, 0.3697



55.1017, 0.3252, 0.3410



20.2696, 0.3461, 0.3022



12.3337, 0.3275, 0.3431



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.



26.2404, 0.3578, 0.3697



45.4603, 0.3696, 0.3792



30.7783, 0.3474, 0.3946



6.8182, 0.3269, 0.3426



12.1838, 0.5065, 0.4361



0.2525, 0.4612, 0.4720

Inverse Universe

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



21.5347, 0.2707, 0.2846



35.4385, 0.2606, 0.2729



17.9244, 0.2725, 0.2559



6.4016, 0.2988, 0.3151



4.6032, 0.1687, 0.1272



0.1363, 0.1913, 0.2086

Previews

White Background



This preview shows how the Yxy color 26.2392, 0.3578, 0.3697 looks on a white background.

Color Contrast Check

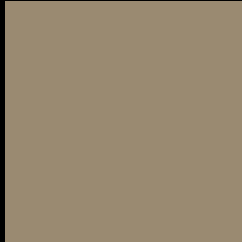
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2392, 0.3578, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

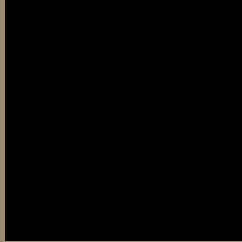
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2392, 0.3578, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 26.2392, 0.3578, 0.3697.



This preview shows how white text looks on a background with the Yxy color 26.2392, 0.3578, 0.3697.

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

26.2392, 0.3578, 0.3697

Protanopia

26.2670, 0.3489, 0.3721

Deuteranopia

26.3294, 0.3686, 0.3620



Tritanopia

26.3329, 0.3293, 0.3135

Trichromacy



Original Color

26.2392, 0.3578, 0.3697

Protanomaly

26.1642, 0.3516, 0.3702

Deuteranomaly

26.2968, 0.3646, 0.3640

Tritanomaly

26.1895, 0.3400, 0.3323

Monochromacy



Original Color

26.2392, 0.3578, 0.3697

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0967, 0.3287, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2392, 0.3578, 0.3697 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(154, 138, 113)` looks like.

```
.text, #text, p{  
    color:rgb(154, 138, 113)  
}
```

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(154, 138, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 138, 113) }
```

Border

The CSS property to change the border of an element to Yxy 26.2392, 0.3578, 0.3697 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(154, 138, 113) }
```

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

```
.border{ border-color:rgb(154, 138, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 138, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 138, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 138, 113);  
box-shadow:4px 4px 4px 4px rgb(154, 138,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2392, 0.3578, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 138, 113) }
```

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

```
.background{ background-color: rgb(154,  
138, 113) }
```

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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