

Converting Colors

$Y_{xy}(23.6362, 0.3525, 0.3557)$

Have a look what the booklet for
Yxy(23.6362, 0.3525, 0.3557)
contains.

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Color

Yxy(23.5697, 0.3536, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	958272
RGB	149, 130, 114
RGB Percent	58%, 51%, 45%
CMY	0.4156, 0.4902, 0.5529
CMYK	0.00, 0.13, 0.23, 0.42
HSL	27°, 14%, 52%
HSV	27°, 23%, 58%
XYZ	23.4174, 23.5697, 19.2385
YIQ	133.8570, 16.4600, -0.9480

Conversions

Conversions Part 2

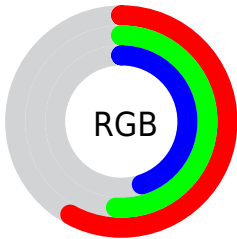
Format	Color
R_{YB}	149, 143, 114
Decimal	9798258
CIE _{Lab}	55.65, 4.60, 11.31
CIE _{LCh}	56, 12.212, 67.891
Yxy	23.5697, 0.3536, 0.3559
Android (android.graphics.Color)	4287988338 (0xFF958272)
YUV	133.8570, -9.7895, 13.2804
Hunter-Lab	48.5486, 1.1392, 10.4890

Details

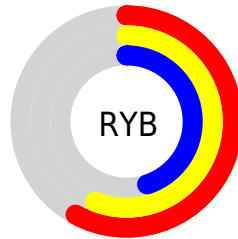
The Yxy color **23.5697, 0.3536, 0.3559** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.5339, 0.2768, 0.3005**, and the grayscale version is **23.8184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3167, 0.3441, 0.3503**, and **8.8749, 0.3699, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **21.1884, 0.3752, 0.3680**, and if you desaturate by 10%, it is **26.1781, 0.3346, 0.3441**.

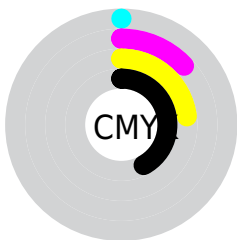
Distribution



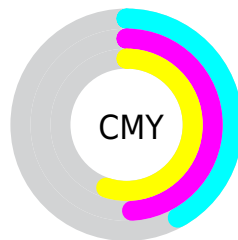
- Red (58%)
- Green (51%)
- Blue (45%)



- Red (58%)
- Yellow (56%)
- Blue (45%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (42%)




- Cyan (42%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5697, 0.3536, 0.3559 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 23.5697, 0.3536, 0.3559 by changing the saturation by 10% instead.


 23.5697, 0.3536,
0.3559


 23.5697, 0.3536,
0.3559


270.6377, 0.3307,
0.3412


 15.0147, 0.3603,
0.3600


 49.3271, 0.3446,
0.3502

 8.8297, 0.3695,
0.3656

 67.2983, 0.3415,
0.3482

 4.6303, 0.3831,
0.3736

 89.1771, 0.3389,
0.3465

 2.0320, 0.4050,
0.3858

 115.3478, 0.3367,
0.3451

 0.6260, 0.5305,
0.4695

146.1948, 0.3349,
0.3439

 0.0000, 0.0000,
0.0000

182.1025, 0.3333,

0.3429

223.4554, 0.3319,
0.3420

■ 23.5697, 0.3536,
0.3559

■ 23.5697, 0.3536,
0.3559

■ 21.1884, 0.3752,
0.3680

■ 26.1781, 0.3346,
0.3441

■ 19.0243, 0.3994,
0.3799

■ 29.0165, 0.3180,
0.3328

■ 17.0716, 0.4260,
0.3909

■ 32.0920, 0.3036,
0.3222

■ 15.3229, 0.4543,
0.4000

■ 35.4103, 0.2911,
0.3124

■ 13.7704, 0.4832,
0.4060

■ 38.9770, 0.2802,
0.3034

■ 12.4054, 0.5109,
0.4078

■ 42.7973, 0.2708,
0.2951

■ 11.2185, 0.5356,
0.4045

■ 46.8766, 0.2625,
0.2875

■ 10.5302, 0.5508,
0.4009

■ 51.2196, 0.2553,
0.2806

■ 55.8314, 0.2490,
0.2743

Harmonies

Analogous

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



23.5697, 0.3540, 0.3396



23.5697, 0.3536, 0.3559



23.5697, 0.3420, 0.3657

Triad

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



23.5697, 0.3536, 0.3559



23.5697, 0.2832, 0.3359



23.5697, 0.3017, 0.2954

Complementary

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



23.5697, 0.3536, 0.3559



22.5339, 0.2768, 0.3005

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.



23.5697, 0.2835, 0.2935



23.5697, 0.3536, 0.3559



23.5697, 0.2732, 0.3161

Square

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



23.5697, 0.3536, 0.3559



23.5697, 0.3012, 0.3544



23.5697, 0.2733, 0.3008



23.5697, 0.3234, 0.3055

Rectangle

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



23.5697, 0.3536, 0.3559



23.5697, 0.3296, 0.3668



23.5697, 0.2733, 0.3008



23.5697, 0.2950, 0.2938

Sweetspot

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



23.5708, 0.3536, 0.3559



50.0461, 0.3238, 0.3368



20.1299, 0.3345, 0.2970



11.0336, 0.3246, 0.3374



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.5708, 0.3536, 0.3559



39.9852, 0.3642, 0.3620



28.5576, 0.3476, 0.3831



6.2255, 0.3272, 0.3391



8.9184, 0.5497, 0.4018



0.1669, 0.4844, 0.4536

Inverse Universe

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



22.5339, 0.2768, 0.3005



37.8063, 0.2689, 0.2934



18.1853, 0.2744, 0.2684



6.1238, 0.2989, 0.3187



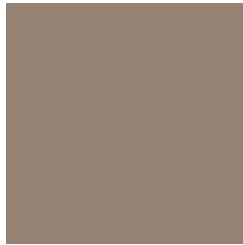
6.8354, 0.1823, 0.1762



0.1427, 0.2025, 0.2490

Previews

White Background



This preview shows how the Yxy color 23.5697, 0.3536, 0.3559 looks on a white background.

Color Contrast Check

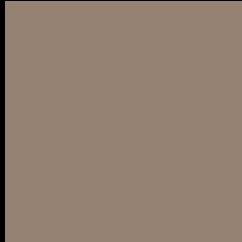
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5697, 0.3536, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

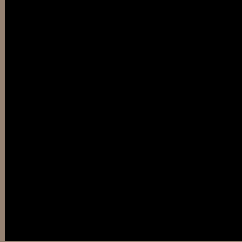
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5697, 0.3536, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 23.5697, 0.3536, 0.3559.



This preview shows how white text looks on a background with the Yxy color 23.5697, 0.3536, 0.3559.

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

23.5697, 0.3536, 0.3559

Protanopia

23.6115, 0.3394, 0.3585

Deuteranopia

23.4256, 0.3593, 0.3523



Tritanopia

23.6603, 0.3313, 0.3129

Trichromacy



Original Color

23.5697, 0.3536, 0.3559

Protanomaly

23.5800, 0.3444, 0.3582

Deuteranomaly

23.5908, 0.3577, 0.3540

Tritanomaly

23.6026, 0.3391, 0.3274

Monochromacy



Original Color

23.5697, 0.3536, 0.3559

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.7963, 0.3261, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5697, 0.3536, 0.3559 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(149, 130, 114)` looks like.

```
.text, #text, p{  
    color:rgb(149, 130, 114)  
}
```

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(149, 130, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 130, 114) }
```

Border

The CSS property to change the border of an element to Yxy 23.5697, 0.3536, 0.3559 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(149, 130, 114) }
```

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

```
.border{ border-color:rgb(149, 130, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 130, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 130, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 130, 114);  
box-shadow:4px 4px 4px 4px rgb(149, 130,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5697, 0.3536, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 130, 114) }
```

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

```
.background{ background-color: rgb(149,  
130, 114) }
```

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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