

Converting Colors

$Y_{xy}(24.1125, 0.3456, 0.3530)$

Have a look what the booklet for
Yxy(24.1125, 0.3456, 0.3530)
contains.

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Color

Yxy(24.0136, 0.3459, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	938476
RGB	147, 132, 118
RGB Percent	58%, 52%, 46%
CMY	0.4234, 0.4824, 0.5372
CMYK	0.00, 0.10, 0.20, 0.42
HSL	29°, 12%, 52%
HSV	29°, 20%, 58%
XYZ	23.5573, 24.0136, 20.5335
YIQ	134.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

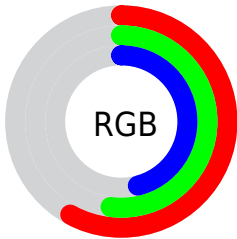
Format	Color
R _Y B	147, 145, 118
Decimal	9667702
CIE Lab	56.10, 3.29, 9.62
CIE LCh	56, 10.169, 71.110
Yxy	24.0136, 0.3459, 0.3526
Android (android.graphics.Color)	4287857782 (0xFF938476)
YUV	134.8890, -8.3263, 10.6213
Hunter-Lab	49.0037, 0.0530, 9.4589

Details

The Yxy color $24.0136, 0.3459, 0.3526$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.7431, 0.2826, 0.3042$, and the grayscale version is $24.2145, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.0177, 0.3385, 0.3478$, and $9.1155, 0.3578, 0.3615$ is the 20% darker color. If you saturate the color by 10%, you get $21.7017, 0.3662, 0.3653$, and if you desaturate by 10%, it is $26.5329, 0.3280, 0.3403$.

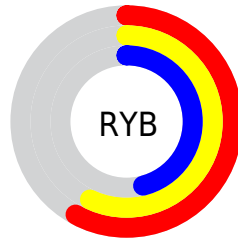
Distribution



Red (58%)

Green (52%)

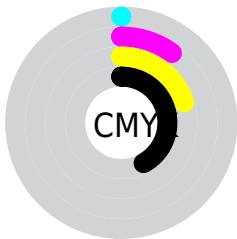
Blue (46%)



Red (58%)

Yellow (57%)

Blue (46%)

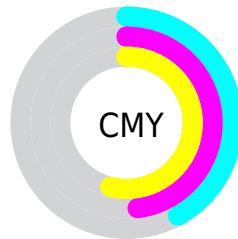


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (42%)



Cyan (42%)


Magenta (48%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0136, 0.3459, 0.3526 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 24.0136, 0.3459, 0.3526 by changing the saturation by 10% instead.


 24.0136, 0.3459,
0.3526


 24.0136, 0.3459,
0.3526


272.8892, 0.3274,
0.3397


 15.3437, 0.3513,
0.3563


 50.0524, 0.3387,
0.3476

 9.0610, 0.3587,
0.3613


 68.1901, 0.3361,
0.3458

 4.7810, 0.3696,
0.3685

 90.2525, 0.3340,
0.3443

 2.1193, 0.3872,
0.3797

116.6240, 0.3323,
0.3431

 0.6755, 0.4946,
0.4624

147.6891, 0.3308,
0.3420

 0.0000, 0.0000,
0.0000

183.8320, 0.3295,

0.3411

225.4373, 0.3284,
0.3403

■ 24.0136, 0.3459,
0.3526

■ 24.0136, 0.3459,
0.3526

■ 21.7017, 0.3662,
0.3653

■ 26.5329, 0.3280,
0.3403

■ 19.5883, 0.3889,
0.3780

■ 29.2617, 0.3123,
0.3287

■ 17.6683, 0.4140,
0.3900

■ 32.2065, 0.2987,
0.3179

■ 15.9355, 0.4408,
0.4005

■ 35.3722, 0.2868,
0.3078

■ 14.3830, 0.4684,
0.4084

■ 38.7637, 0.2764,
0.2986

■ 13.0034, 0.4955,
0.4125

■ 42.3856, 0.2674,
0.2901

■ 11.7884, 0.5203,
0.4117

■ 46.2425, 0.2594,
0.2824

■ 10.7232, 0.5426,
0.4070

■ 50.3387, 0.2525,
0.2753

■ 10.6972, 0.5432,
0.4069

■ 54.6785, 0.2464,
0.2688

Harmonies

Analogous

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



24.0136, 0.3472, 0.3396



24.0136, 0.3459, 0.3526



24.0136, 0.3355, 0.3597

Triad

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



24.0136, 0.3459, 0.3526



24.0136, 0.2870, 0.3330



24.0136, 0.3055, 0.3016

Complementary

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



24.0136, 0.3459, 0.3526



22.7431, 0.2826, 0.3042

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.



24.0136, 0.2899, 0.2993



24.0136, 0.3459, 0.3526



24.0136, 0.2794, 0.3169

Square

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



24.0136, 0.3459, 0.3526



24.0136, 0.3014, 0.3485



24.0136, 0.2805, 0.3047



24.0136, 0.3235, 0.3106

Rectangle

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



24.0136, 0.3459, 0.3526



24.0136, 0.3250, 0.3599



24.0136, 0.2805, 0.3047



24.0136, 0.2998, 0.3000

Sweetspot

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



24.0147, 0.3459, 0.3526



49.2216, 0.3221, 0.3360



20.8696, 0.3309, 0.3031



11.1729, 0.3230, 0.3367



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.



24.0147, 0.3459, 0.3526



40.9775, 0.3552, 0.3586



28.0891, 0.3417, 0.3750



6.2492, 0.3271, 0.3397



9.3197, 0.5424, 0.4076



0.1726, 0.4797, 0.4573

Inverse Universe

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



22.7431, 0.2826, 0.3042



38.2449, 0.2752, 0.2974



19.1456, 0.2811, 0.2784



6.1000, 0.2989, 0.3181



6.3725, 0.1799, 0.1676



0.1370, 0.2009, 0.2431

Previews

White Background



This preview shows how the Yxy color 24.0136, 0.3459, 0.3526 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 24.0136, 0.3459, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

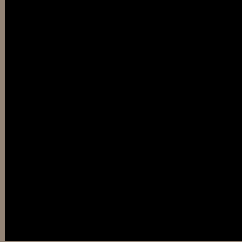
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0136, 0.3459, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 24.0136, 0.3459, 0.3526.



This preview shows how white text looks on a background with the Yxy color 24.0136, 0.3459, 0.3526.

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

24.0136, 0.3459, 0.3526

Protanopia

24.0448, 0.3370, 0.3548

Deuteranopia

24.0456, 0.3538, 0.3488



Tritanopia

24.0486, 0.3263, 0.3128

Trichromacy



Original Color

24.0136, 0.3459, 0.3526

Protanomaly

23.9466, 0.3396, 0.3529

Deuteranomaly

24.1199, 0.3510, 0.3506

Tritanomaly

23.9935, 0.3340, 0.3274

Monochromacy



Original Color

24.0136, 0.3459, 0.3526

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.1241, 0.3237, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0136, 0.3459, 0.3526 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(147, 132, 118)` looks like.

```
.text, #text, p{  
    color:rgb(147, 132, 118)  
}
```

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(147, 132, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 132, 118) }
```

Border

The CSS property to change the border of an element to Yxy 24.0136, 0.3459, 0.3526 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(147, 132, 118) }
```

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

```
.border{ border-color:rgb(147, 132, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 132, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 132, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 132, 118);  
box-shadow:4px 4px 4px 4px rgb(147, 132,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0136, 0.3459, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 132, 118) }
```

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

```
.background{ background-color: rgb(147,  
132, 118) }
```

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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