

Converting Colors

$Y_{xy}(24.3534, 0.3708, 0.3567)$

Have a look what the booklet for
Yxy(24.3534, 0.3708, 0.3567)
contains.

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Color

Yxy(24.3439, 0.3700, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	A08170
RGB	160, 129, 112
RGB Percent	63%, 51%, 44%
CMY	0.3725, 0.4941, 0.5609
CMYK	0.00, 0.19, 0.30, 0.37
HSL	21°, 20%, 53%
HSV	21°, 30%, 63%
XYZ	25.2728, 24.3439, 18.6882
YIQ	136.3310, 23.9330, 1.2850

Conversions

Conversions Part 2

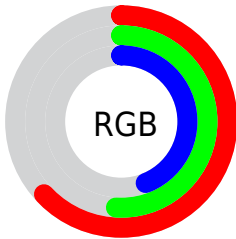
Format	Color
RYB	160, 138, 112
Decimal	10518896
CIELab	56.43, 9.32, 13.73
CIELCh	56, 16.597, 55.836
Yxy	24.3439, 0.3700, 0.3564
Android (android.graphics.Color)	4288708976 (0xFFA08170)
YUV	136.3310, -11.9952, 20.7577
Hunter-Lab	49.3395, 5.0876, 12.0805

Details

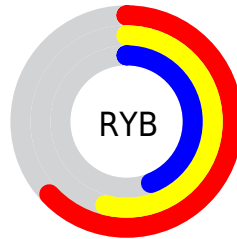
The Yxy color $24.3439, 0.3700, 0.3564$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $25.6226, 0.2673, 0.2998$, and the grayscale version is $24.7905, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5833, 0.3568, 0.3508$, and $9.2956, 0.3930, 0.3661$ is the 20% darker color. If you saturate the color by 10%, you get $21.4345, 0.3955, 0.3659$, and if you desaturate by 10%, it is $27.5941, 0.3479, 0.3469$.

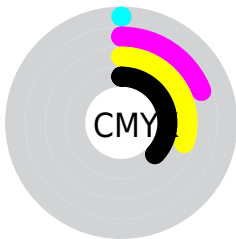
Distribution



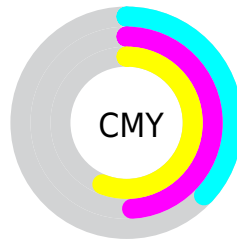
- Red (63%)
- Green (51%)
- Blue (44%)



- Red (63%)
- Yellow (54%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (37%)




- Cyan (37%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3439, 0.3700, 0.3564 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 24.3439, 0.3700, 0.3564 by changing the saturation by 10% instead.

 24.3439, 0.3700,
0.3564


 24.3439, 0.3700,
0.3564


274.5545, 0.3381,
0.3418


 15.5889, 0.3793,
0.3603


 50.5908, 0.3575,
0.3509

 9.2337, 0.3920,
0.3653


 68.8515, 0.3531,
0.3489

 4.8940, 0.4106,
0.3722

 91.0496, 0.3495,
0.3472

 2.1852, 0.4401,
0.3815

 117.5695, 0.3464,
0.3458

 0.7119, 0.5599,
0.4401

148.7955, 0.3439,
0.3446

 0.0000, 0.0000,
0.0000

185.1121, 0.3417,

0.3436

226.9037, 0.3397,
0.3427

■ 24.3439, 0.3700,
0.3564

■ 24.3439, 0.3700,
0.3564

■ 21.4345, 0.3955,
0.3659

■ 27.5941, 0.3479,
0.3469

■ 18.8510, 0.4244,
0.3748

■ 31.1925, 0.3289,
0.3377

■ 16.5823, 0.4563,
0.3823

■ 35.1507, 0.3127,
0.3290

■ 14.6153, 0.4900,
0.3872

■ 39.4786, 0.2990,
0.3210

■ 12.9361, 0.5234,
0.3883

■ 44.1858, 0.2872,
0.3136

■ 11.5291, 0.5539,
0.3847

■ 49.2813, 0.2771,
0.3068

■ 10.3730, 0.5803,
0.3774

■ 54.7741, 0.2685,
0.3006

■ 60.6728, 0.2610,
0.2950

■ 66.9218, 0.2550,
0.2909

Harmonies

Analogous

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



24.3439, 0.3640, 0.3329



24.3439, 0.3700, 0.3564



24.3439, 0.3598, 0.3742

Triad

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



24.3439, 0.3700, 0.3564



24.3439, 0.2818, 0.3491



24.3439, 0.2871, 0.2820

Complementary

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



24.3439, 0.3700, 0.3564



25.6226, 0.2673, 0.2998

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.



24.3439, 0.2668, 0.2840



24.3439, 0.3700, 0.3564



24.3439, 0.2638, 0.3216

Square

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



24.3439, 0.3700, 0.3564



24.3439, 0.3084, 0.3713



24.3439, 0.2585, 0.2979



24.3439, 0.3151, 0.2913

Rectangle

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



24.3439, 0.3700, 0.3564



24.3439, 0.3456, 0.3799



24.3439, 0.2585, 0.2979



24.3439, 0.2792, 0.2813

Sweetspot

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



24.3450, 0.3700, 0.3564



57.2102, 0.3275, 0.3369



21.0469, 0.3364, 0.2802



12.3399, 0.3299, 0.3382



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



24.3450, 0.3700, 0.3564



40.6031, 0.3866, 0.3628



31.3638, 0.3598, 0.3920



7.0117, 0.3276, 0.3370



8.1558, 0.5786, 0.3788



0.2218, 0.5097, 0.4335

Inverse Universe

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



25.6226, 0.2673, 0.2998



43.2903, 0.2574, 0.2922



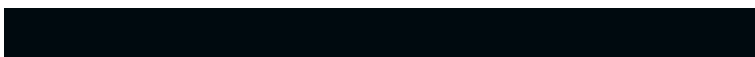
19.2182, 0.2626, 0.2569



7.1135, 0.2988, 0.3209



9.6638, 0.1920, 0.2112



0.2498, 0.2066, 0.2639

Previews

White Background



This preview shows how the Yxy color 24.3439, 0.3700, 0.3564 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 24.3439, 0.3700, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

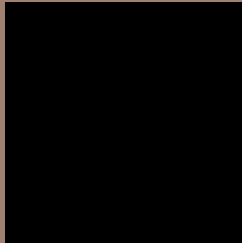
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3439, 0.3700, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 24.3439, 0.3700, 0.3564.



This preview shows how white text looks on a background with the Yxy color 24.3439, 0.3700, 0.3564.

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

24.3439, 0.3700, 0.3564

Protanopia

24.4054, 0.3435, 0.3631

Deuteranopia

24.3032, 0.3658, 0.3583



Tritanopia

24.4575, 0.3471, 0.3151

Trichromacy



Original Color

24.3439, 0.3700, 0.3564

Protanomaly

24.3795, 0.3525, 0.3608

Deuteranomaly

24.4042, 0.3670, 0.3582

Tritanomaly

24.3924, 0.3551, 0.3291

Monochromacy



Original Color

24.3439, 0.3700, 0.3564

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.3271, 0.3331, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3439, 0.3700, 0.3564 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(160, 129, 112)` looks like.

```
.text, #text, p{  
    color:rgb(160, 129, 112)  
}
```

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(160, 129, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 129, 112) }
```

Border

The CSS property to change the border of an element to Yxy 24.3439, 0.3700, 0.3564 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(160, 129, 112) }
```

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

```
.border{ border-color:rgb(160, 129, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 129, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 129, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 129, 112);  
box-shadow:4px 4px 4px 4px rgb(160, 129,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3439, 0.3700, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 129, 112) }
```

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

```
.background{ background-color: rgb(160,  
129, 112) }
```

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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