

Converting Colors

$Yxy(23.5626, 0.3712, 0.3661)$

Have a look what the booklet for
Yxy(23.5626, 0.3712, 0.3661)
contains.

Yxy(23.4475, 0.3714, 0.3653)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.4475, 0.3714, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	9B806A
RGB	155, 128, 106
RGB Percent	61%, 50%, 42%
CMY	0.3921, 0.4980, 0.5844
CMYK	0.00, 0.17, 0.32, 0.39
HSL	27°, 20%, 51%
HSV	27°, 32%, 61%
XYZ	23.8390, 23.4475, 16.9004
YIQ	133.5650, 23.1540, -1.1180

Conversions

Conversions Part 2

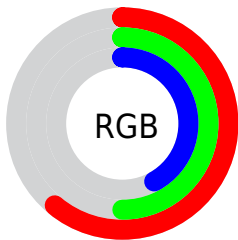
Format	Color
R _Y B	155, 146, 106
Decimal	10190954
CIE Lab	55.53, 7.00, 15.84
CIE LCh	56, 17.322, 66.161
Yxy	23.4475, 0.3714, 0.3653
Android (android.graphics.Color)	4288381034 (0xFF9B806A)
YUV	133.5650, -13.5895, 18.7985
Hunter-Lab	48.4226, 3.1381, 13.2025

Details

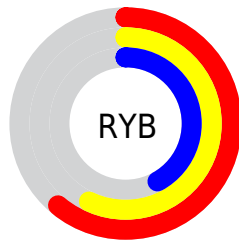
The Yxy color $23.4475, 0.3714, 0.3653$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $22.2034, 0.2640, 0.2895$, and the grayscale version is $23.7171, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.1837, 0.3586, 0.3586$, and $8.7913, 0.3936, 0.3770$ is the 20% darker color. If you saturate the color by 10%, you get $21.0199, 0.3954, 0.3771$, and if you desaturate by 10%, it is $26.1231, 0.3501, 0.3534$.

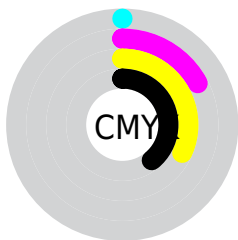
Distribution



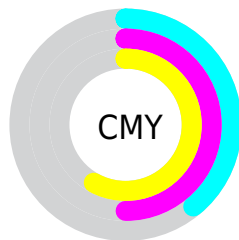
- Red (61%)
- Green (50%)
- Blue (42%)



- Red (61%)
- Yellow (57%)
- Blue (42%)



- Cyan (0%)
- Magenta (17%)
- Yellow (32%)
- Black (39%)




- Cyan (39%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4475, 0.3714, 0.3653 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 23.4475, 0.3714, 0.3653 by changing the saturation by 10% instead.

 23.4475, 0.3714,
0.3653


 23.4475, 0.3714,
0.3653


270.0152, 0.3386,
0.3457

 14.9243, 0.3809,
0.3707


 49.1271, 0.3585,
0.3578


 8.7663, 0.3941,
0.3778


 67.0522, 0.3540,
0.3551

 4.5890, 0.4132,
0.3875

 88.8802, 0.3503,
0.3529

 2.0082, 0.4446,
0.4023

 114.9953, 0.3472,
0.3510

 0.6122, 0.5515,
0.4485

145.7819, 0.3445,
0.3494

 0.0000, 0.0000,
0.0000

181.6245, 0.3423,

0.3480

222.9075, 0.3403,
0.3468

■ 23.4475, 0.3714,
0.3653

■ 23.4475, 0.3714,
0.3653

■ 21.0199, 0.3954,
0.3771

■ 26.1231, 0.3501,
0.3534

■ 18.8292, 0.4219,
0.3882

■ 29.0509, 0.3314,
0.3417

■ 16.8684, 0.4504,
0.3975

■ 32.2387, 0.3151,
0.3307

■ 15.1287, 0.4797,
0.4040

■ 35.6935, 0.3011,
0.3204

■ 13.6005, 0.5082,
0.4064

■ 39.4215, 0.2889,
0.3109

■ 12.2733, 0.5339,
0.4038

■ 43.4291, 0.2783,
0.3022

■ 11.3017, 0.5534,
0.3988

■ 47.7221, 0.2691,
0.2942

■ 52.3064, 0.2611,
0.2868

■ 57.1876, 0.2541,
0.2801

Harmonies

Analogous

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



23.4475, 0.3711, 0.3418



23.4475, 0.3714, 0.3653



23.4475, 0.3553, 0.3807

Triad

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



23.4475, 0.3714, 0.3653



23.4475, 0.2722, 0.3403



23.4475, 0.2952, 0.2816

Complementary

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



23.4475, 0.3714, 0.3653



22.2034, 0.2640, 0.2895

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.



23.4475, 0.2704, 0.2794



23.4475, 0.3714, 0.3653



23.4475, 0.2576, 0.3116

Square

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



23.4475, 0.3714, 0.3653



23.4475, 0.2977, 0.3670



23.4475, 0.2570, 0.2897



23.4475, 0.3259, 0.2950

Rectangle

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



23.4475, 0.3714, 0.3653



23.4475, 0.3380, 0.3834



23.4475, 0.2570, 0.2897



23.4475, 0.2859, 0.2795

Sweetspot

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



23.4486, 0.3714, 0.3653



53.3755, 0.3272, 0.3390



18.9891, 0.3433, 0.2840



11.9090, 0.3295, 0.3405



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.



23.4486, 0.3714, 0.3653



38.8497, 0.3882, 0.3738



30.3828, 0.3605, 0.4011



6.6566, 0.3273, 0.3390



9.1505, 0.5521, 0.3998



0.2080, 0.4872, 0.4514

Inverse Universe

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



22.2034, 0.2640, 0.2895



36.2544, 0.2530, 0.2790



16.4214, 0.2588, 0.2449



6.5621, 0.2989, 0.3188



7.2458, 0.1829, 0.1785



0.1809, 0.2024, 0.2486

Previews

White Background



This preview shows how the Yxy color 23.4475, 0.3714, 0.3653 looks on a white background.

Color Contrast Check

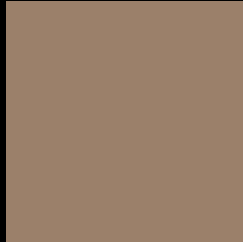
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4475, 0.3714, 0.3653 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 23.4475, 0.3714, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 23.4475, 0.3714, 0.3653.



This preview shows how white text looks on a background with the Yxy color 23.4475, 0.3714, 0.3653.

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

23.4475, 0.3714, 0.3653

Protanopia

23.5205, 0.3496, 0.3724

Deuteranopia

23.4475, 0.3714, 0.3653



Tritanopia

23.4056, 0.3427, 0.3132

Trichromacy



Original Color

23.4475, 0.3714, 0.3653

Protanomaly

23.4051, 0.3576, 0.3700

Deuteranomaly

23.4475, 0.3714, 0.3653

Tritanomaly

23.2906, 0.3533, 0.3307

Monochromacy



Original Color

23.4475, 0.3714, 0.3653

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.7085, 0.3331, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4475, 0.3714, 0.3653 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(155, 128, 106)` looks like.

```
.text, #text, p{  
    color:rgb(155, 128, 106)  
}
```

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(155, 128, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 128, 106) }
```

Border

The CSS property to change the border of an element to Yxy 23.4475, 0.3714, 0.3653 is called "border". The border property can be set on classes, ids or directly on the HTML element.

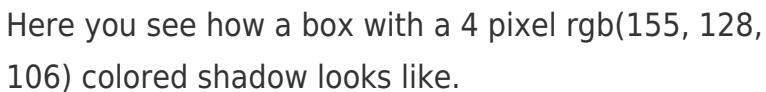
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 128, 106) }
```

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

```
.border{ border-color:rgb(155, 128, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 128, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 128, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 128, 106); box-shadow:4px 4px 4px 4px rgb(155, 128, 106) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4475, 0.3714, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 128, 106) }
```

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

```
.background{ background-color: rgb(155,  
128, 106) }
```

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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