

Converting Colors

$Y_{xy}(23.7979, 0.3344, 0.4146)$

Have a look what the booklet for
Yxy(23.7979, 0.3344, 0.4146)
contains.

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Color

Yxy(23.7979, 0.3344, 0.4146)

Conversions

Conversions Part 1

Format	Color
Hex	778D5F
RGB	119, 141, 95
RGB Percent	47%, 55%, 37%
CMY	0.5335, 0.4470, 0.6275
CMYK	0.16, 0.00, 0.33, 0.45
HSL	89°, 19%, 46%
HSV	89°, 33%, 55%
XYZ	19.1944, 23.7979, 14.4073
YIQ	129.1780, 1.6540, -18.9700

Conversions

Conversions Part 2

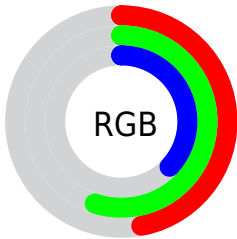
Format	Color
R_{YB}	95, 141, 117
Decimal	7834975
CIE _{Lab}	55.88, -16.50, 22.02
CIE _{LCh}	56, 27.520, 126.841
Yxy	23.7979, 0.3344, 0.4146
Android (android.graphics.Color)	4286025055 (0xFF778D5F)
YUV	129.1780, -16.8498, -8.9261
Hunter-Lab	48.7831, -15.1369, 16.6378

Details

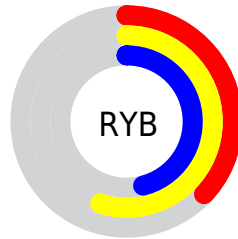
The Yxy color $23.7979, 0.3344, 0.4146$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.8924, 0.2841, 0.2430$, and the grayscale version is $22.0767, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.8762, 0.3305, 0.3952$, and $8.9977, 0.3405, 0.4505$ is the 20% darker color. If you saturate the color by 10%, you get $23.1043, 0.3400, 0.4434$, and if you desaturate by 10%, it is $24.5740, 0.3281, 0.3866$.

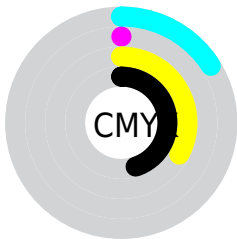
Distribution



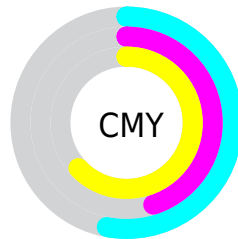
- Red (47%)
- Green (55%)
- Blue (37%)



- Red (37%)
- Yellow (55%)
- Blue (46%)



- Cyan (16%)
- Magenta (0%)
- Yellow (33%)
- Black (45%)





- Cyan (53%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7979, 0.3344, 0.4146 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 23.7979, 0.3344, 0.4146 by changing the saturation by 10% instead.


 23.7979, 0.3344,
0.4146


 23.7979, 0.3344,
0.4146


271.7971, 0.3234,
0.3656


 15.1838, 0.3370,
0.4294


 49.7002, 0.3305,
0.3950

 8.9485, 0.3399,
0.4501


 67.7572, 0.3289,
0.3882

 4.7076, 0.3430,
0.4811

 89.7305, 0.3277,
0.3827

 2.0767, 0.3542,
0.5470

 116.0047, 0.3266,
0.3781

 0.6515, 0.2493,
0.7507

146.9640, 0.3256,
0.3742

 0.0000, 0.0000,
0.0000

182.9929, 0.3248,

0.3709

224.4759, 0.3240,
0.3681

■ 23.7979, 0.3344,
0.4146

■ 23.7979, 0.3344,
0.4146

■ 23.1043, 0.3400,
0.4434

■ 24.5740, 0.3281,
0.3866

■ 22.4868, 0.3444,
0.4719

■ 25.4325, 0.3214,
0.3600

■ 21.9431, 0.3473,
0.4989


■ 26.3772, 0.3145,
0.3352

■ 21.4693, 0.3483,
0.5232

■ 27.4108, 0.3077,
0.3125

■ 21.0612, 0.3472,
0.5433


■ 28.5359, 0.3012,
0.2918

 20.7139, 0.3440,
0.5583

 29.7549, 0.2950,
0.2732

 20.4874, 0.3409,
0.5675

 31.0701, 0.2891,
0.2566

 32.4838, 0.2836,
0.2417

 33.9982, 0.2785,
0.2284

Harmonies

Analogous

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



23.7979, 0.3779, 0.4104



23.7979, 0.3344, 0.4146



23.7979, 0.2871, 0.3900

Triad

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



23.7979, 0.3344, 0.4146



23.7979, 0.2275, 0.2663



23.7979, 0.3792, 0.3097

Complementary

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



23.7979, 0.3344, 0.4146



13.8924, 0.2841, 0.2430

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.



23.7979, 0.3339, 0.2776



23.7979, 0.3344, 0.4146



23.7979, 0.2477, 0.2525

Square

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



23.7979, 0.3344, 0.4146



23.7979, 0.2277, 0.2989



23.7979, 0.2856, 0.2571



23.7979, 0.4059, 0.3476

Rectangle

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



23.7979, 0.3344, 0.4146



23.7979, 0.2598, 0.3612



23.7979, 0.2856, 0.2571



23.7979, 0.3655, 0.2980

Sweetspot

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



23.7989, 0.3344, 0.4146



45.9316, 0.3197, 0.3538



19.0896, 0.3726, 0.3676



10.2138, 0.3205, 0.3569



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



23.7989, 0.3344, 0.4146



41.7019, 0.3385, 0.4353



22.3952, 0.3099, 0.4214



6.1588, 0.3190, 0.3512



18.6867, 0.3412, 0.5673



0.1918, 0.3747, 0.5407

Inverse Universe

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



13.8924, 0.2841, 0.2430



21.1702, 0.2761, 0.2221



15.6376, 0.3143, 0.2504



5.3738, 0.3060, 0.3068



2.8689, 0.2008, 0.0880



0.0404, 0.2501, 0.1151

Previews

White Background



This preview shows how the Yxy color 23.7979, 0.3344, 0.4146 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 23.7979, 0.3344, 0.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

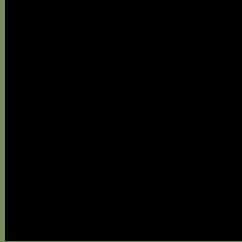
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

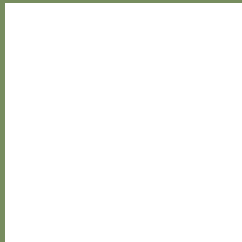
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.7979, 0.3344, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 23.7979, 0.3344, 0.4146.



This preview shows how white text looks on a background with the Yxy color 23.7979, 0.3344, 0.4146.

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

23.7979, 0.3344, 0.4146

Protanopia

23.8426, 0.3718, 0.4005

Deuteranopia

23.5893, 0.3847, 0.3777



Tritanopia

23.8079, 0.2930, 0.3117

Trichromacy



Original Color

23.7979, 0.3344, 0.4146

Protanomaly

23.9159, 0.3581, 0.4064

Deuteranomaly

23.5674, 0.3656, 0.3908

Tritanomaly

23.6346, 0.3075, 0.3470

Monochromacy



Original Color

23.7979, 0.3344, 0.4146

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.4194, 0.3205, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7979, 0.3344, 0.4146 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(119, 141, 95)` looks like.

```
.text, #text, p{  
    color:rgb(119, 141, 95)  
}
```

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(119, 141, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 141, 95) }
```

Border

The CSS property to change the border of an element to Yxy 23.7979, 0.3344, 0.4146 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(119, 141, 95) }
```

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

```
.border{ border-color:rgb(119, 141, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 141, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 141, 95); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 141, 95); box-shadow:4px 4px 4px 4px rgb(119, 141, 95) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7979, 0.3344, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 141, 95) }
```

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

```
.background{ background-color: rgb(119,  
141, 95) }
```

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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