

Converting Colors

$Yxy(24.1554, 0.3207, 0.3934)$

Have a look what the booklet for
Yxy(24.1554, 0.3207, 0.3934)
contains.

Yxy(24.1894, 0.3203, 0.3940)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.1894, 0.3203, 0.3940)

Conversions

Conversions Part 1

Format	Color
Hex	758E6B
RGB	117, 142, 107
RGB Percent	46%, 56%, 42%
CMY	0.5411, 0.4431, 0.5804
CMYK	0.18, 0.00, 0.25, 0.44
HSL	103°, 14%, 49%
HSV	103°, 25%, 56%
XYZ	19.6646, 24.1894, 17.5404
YIQ	130.5350, -3.6650, -16.1850

Conversions

Conversions Part 2

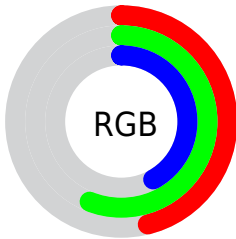
Format	Color
R_{YB}	107, 142, 132
Decimal	7704171
CIE Lab	56.28, -15.82, 15.79
CIE LCh	56, 22.349, 135.042
Yxy	24.1894, 0.3203, 0.3940
Android (android.graphics.Color)	4285894251 (0xFF758E6B)
YUV	130.5350, -11.6028, -11.8702
Hunter-Lab	49.1827, -14.7005, 13.2829

Details

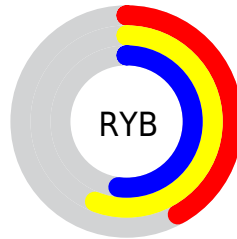
The Yxy color $24.1894, 0.3203, 0.3940$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.3703, 0.3027, 0.2675$, and the grayscale version is $22.5672, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4181, 0.3183, 0.3789$, and $9.1990, 0.3220, 0.4231$ is the 20% darker color. If you saturate the color by 10%, you get $23.2512, 0.3228, 0.4243$, and if you desaturate by 10%, it is $25.2547, 0.3174, 0.3658$.

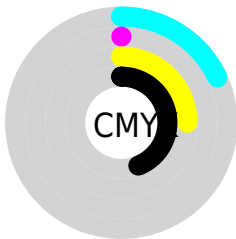
Distribution



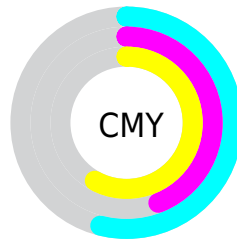
- Red (46%)
- Green (56%)
- Blue (42%)



- Red (42%)
- Yellow (56%)
- Blue (52%)



- Cyan (18%)
- Magenta (0%)
- Yellow (25%)
- Black (44%)





- Cyan (54%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1894, 0.3203, 0.3940 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 24.1894, 0.3203, 0.3940 by changing the saturation by 10% instead.


 24.1894, 0.3203,
0.3940


 24.1894, 0.3203,
0.3940


273.7766, 0.3167,
0.3569


 15.4742, 0.3210,
0.4052


 50.3391, 0.3191,
0.3792


 9.1528, 0.3217,
0.4211


 68.5424, 0.3186,
0.3740

 4.8410, 0.3221,
0.4450

 90.6771, 0.3182,
0.3698

 2.1543, 0.3212,
0.4854

 117.1277, 0.3178,
0.3664

 0.6949, 0.2831,
0.7169

148.2786, 0.3175,
0.3634

 0.0000, 0.0000,
0.0000

184.5141, 0.3172,

0.3609

226.2186, 0.3169,
0.3588

■ 24.1894, 0.3203,
0.3940

■ 24.1894, 0.3203,
0.3940

■ 23.2512, 0.3228,
0.4243

■ 25.2547, 0.3174,
0.3658

■ 22.4323, 0.3246,
0.4558

■ 26.4486, 0.3142,
0.3401

■ 21.7285, 0.3254,
0.4875

■ 27.7764, 0.3110,
0.3169

■ 21.1344, 0.3251,
0.5177

■ 29.2421, 0.3077,
0.2963

■ 20.6438, 0.3234,
0.5445

■ 30.8498, 0.3046,
0.2781

■ 20.2501, 0.3204,
0.5662

■ 32.6031, 0.3016,
0.2620

■ 19.9454, 0.3163,
0.5817

■ 34.5057, 0.2987,
0.2479

■ 19.8105, 0.3142,
0.5887

■ 36.5611, 0.2961,
0.2354

■ 38.7725, 0.2936,
0.2245

Harmonies

Analogous

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



24.1894, 0.3574, 0.3978



24.1894, 0.3203, 0.3940



24.1894, 0.2827, 0.3689

Triad

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



24.1894, 0.3203, 0.3940



24.1894, 0.2457, 0.2734



24.1894, 0.3741, 0.3220

Complementary

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



24.1894, 0.3203, 0.3940



17.3703, 0.3027, 0.2675

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.



24.1894, 0.3409, 0.2933



24.1894, 0.3203, 0.3940



24.1894, 0.2670, 0.2658

Square

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



24.1894, 0.3203, 0.3940



24.1894, 0.2412, 0.2966



24.1894, 0.3013, 0.2732



24.1894, 0.3900, 0.3537

Rectangle

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



24.1894, 0.3203, 0.3940



24.1894, 0.2622, 0.3446



24.1894, 0.3013, 0.2732



24.1894, 0.3645, 0.3118

Sweetspot

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



24.1904, 0.3203, 0.3940



46.0938, 0.3150, 0.3463



23.1786, 0.3525, 0.3715



10.2721, 0.3152, 0.3475



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.



24.1904, 0.3203, 0.3940



41.6434, 0.3218, 0.4119



23.6859, 0.3030, 0.3823



6.0995, 0.3157, 0.3514



17.7956, 0.3145, 0.5885



0.1802, 0.3456, 0.5638

Inverse Universe

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



17.3703, 0.3027, 0.2675



27.3236, 0.2996, 0.2518



18.0140, 0.3243, 0.2810



5.4345, 0.3095, 0.3070



4.2640, 0.2513, 0.1158



0.0520, 0.2855, 0.1346

Previews

White Background



This preview shows how the Yxy color 24.1894, 0.3203, 0.3940 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 24.1894, 0.3203, 0.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

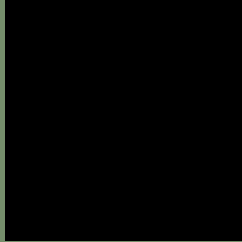
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1894, 0.3203, 0.3940

Background



This preview shows how black text looks on a background with the Yxy color 24.1894, 0.3203, 0.3940.



This preview shows how white text looks on a background with the Yxy color 24.1894, 0.3203, 0.3940.

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

24.1894, 0.3203, 0.3940

Protanopia

23.9790, 0.3573, 0.3804

Deuteranopia

23.8942, 0.3674, 0.3601



Tritanopia

24.2089, 0.2881, 0.3116

Trichromacy



Original Color

24.1894, 0.3203, 0.3940

Protanomaly

23.9796, 0.3430, 0.3857

Deuteranomaly

23.9051, 0.3493, 0.3721

Tritanomaly

24.1961, 0.3004, 0.3415

Monochromacy



Original Color

24.1894, 0.3203, 0.3940

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.1687, 0.3161, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1894, 0.3203, 0.3940 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(117, 142, 107)` looks like.

```
.text, #text, p{  
    color:rgb(117, 142, 107)  
}
```

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(117, 142, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 142, 107) }
```

Border

The CSS property to change the border of an element to Yxy 24.1894, 0.3203, 0.3940 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(117, 142, 107) }
```

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

```
.border{ border-color:rgb(117, 142, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 142, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 142, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 142, 107);  
box-shadow:4px 4px 4px 4px rgb(117, 142,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1894, 0.3203, 0.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 142, 107) }
```

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

```
.background{ background-color: rgb(117,  
142, 107) }
```

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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