

Converting Colors

$Y_{xy}(12.0349, 0.3993, 0.4257)$

Have a look what the booklet for
Yxy(12.0349, 0.3993, 0.4257)
contains.

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Color

Yxy(12.1123, 0.3984, 0.4261)

Conversions

Conversions Part 1

Format	Color
Hex	6E6134
RGB	110, 97, 52
RGB Percent	43%, 38%, 20%
CMY	0.5686, 0.6196, 0.7961
CMYK	0.00, 0.12, 0.53, 0.57
HSL	47°, 36%, 32%
HSV	47°, 53%, 43%
XYZ	11.3249, 12.1123, 4.9888
YIQ	95.7570, 22.1930, -11.2390

Conversions

Conversions Part 2

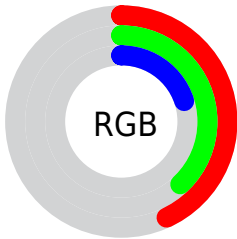
Format	Color
R _Y B	69, 110, 52
Decimal	7233844
CIE Lab	41.39, -1.35, 27.39
CIE LCh	41, 27.422, 92.822
Yxy	12.1123, 0.3984, 0.4261
Android (android.graphics.Color)	4285423924 (0xFF6E6134)
YUV	95.7570, -21.5722, 12.4911
Hunter-Lab	34.8027, -2.8204, 15.8631

Details

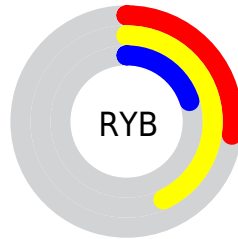
The Yxy color **12.1123, 0.3984, 0.4261** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.6352, 0.2244, 0.2066**, and the grayscale version is **11.6846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.5741, 0.3777, 0.4012**, and **3.3415, 0.4353, 0.4722** is the 20% darker color. If you saturate the color by 10%, you get **11.5766, 0.4151, 0.4416**, and if you desaturate by 10%, it is **12.6864, 0.3812, 0.4086**.

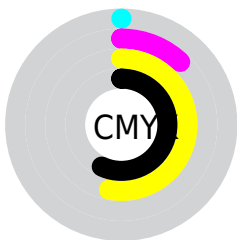
Distribution



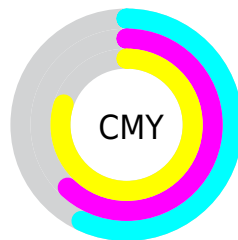
- Red (43%)
- Green (38%)
- Blue (20%)



- Red (27%)
- Yellow (43%)
- Blue (20%)



- Cyan (0%)
- Magenta (12%)
- Yellow (53%)
- Black (57%)





- Cyan (57%)
- Magenta (62%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 12.1123, 0.3984, 0.4261 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 12.1123, 0.3984, 0.4261 by changing the saturation by 10% instead.


 12.1123, 0.3984,
0.4261


 12.1123, 0.3984,
0.4261


 205.1473, 0.3475,
0.3679


 6.8202, 0.4138,
0.4441


 29.6995, 0.3778,
0.4023


 3.3499, 0.4361,
0.4706

 42.7633, 0.3707,
0.3942

 1.3170, 0.4787,
0.5213

 59.1866, 0.3649,
0.3877

 0.1543, 0.4243,
0.5757

 79.3536, 0.3602,
0.3823

 0.0000, 0.0000,
0.0000

 103.6488, 0.3562,
0.3778

 132.4566, 0.3529,

0.3740

166.1613, 0.3500,
0.3708

■ 12.1123, 0.3984,
0.4261

■ 12.1123, 0.3984,
0.4261

■ 11.5766, 0.4151,
0.4416

■ 12.6864, 0.3812,
0.4086

■ 11.0758, 0.4305,
0.4542

■ 13.2989, 0.3640,
0.3900

■ 10.6085, 0.4440,
0.4631

■ 13.9517, 0.3473,
0.3710

■ 10.1722, 0.4552,
0.4680

■ 14.6462, 0.3314,
0.3521

■ 9.8678, 0.4629,
0.4706

■ 15.3837, 0.3166,
0.3338

■ 16.1654, 0.3029,
0.3165

■ 16.9926, 0.2904,
0.3002

■ 17.8662, 0.2790,
0.2850

■ 18.7874, 0.2687,
0.2709

Harmonies

Analogous

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



12.1123, 0.4292, 0.3894



12.1123, 0.3984, 0.4261



12.1123, 0.3460, 0.4384

Triad

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



12.1123, 0.3984, 0.4261



12.1123, 0.2106, 0.2971



12.1123, 0.3302, 0.2620

Complementary

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



12.1123, 0.3984, 0.4261



5.6352, 0.2244, 0.2066

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.



12.1123, 0.2714, 0.2397



12.1123, 0.3984, 0.4261



12.1123, 0.2074, 0.2550

Square

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



12.1123, 0.3984, 0.4261



12.1123, 0.2385, 0.3568



12.1123, 0.2283, 0.2363



12.1123, 0.3891, 0.2988

Rectangle

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



12.1123, 0.3984, 0.4261



12.1123, 0.3067, 0.4258



12.1123, 0.2283, 0.2363



12.1123, 0.3096, 0.2527

Sweetspot

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



12.1129, 0.3984, 0.4261



25.2621, 0.3371, 0.3590



6.1582, 0.4188, 0.2989



5.8365, 0.3395, 0.3618



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



12.1129, 0.3984, 0.4261



20.1544, 0.4182, 0.4443



13.8079, 0.3620, 0.4600



3.7957, 0.3258, 0.3452



11.8101, 0.4634, 0.4702



57.5041, 0.4664, 0.4679

Inverse Universe

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



5.6352, 0.2244, 0.2066



7.4940, 0.2035, 0.1736



4.7908, 0.2409, 0.1806



3.4106, 0.2996, 0.3122



2.1297, 0.1582, 0.0894



9.5100, 0.1559, 0.0814

Previews

White Background



This preview shows how the Yxy color 12.1123, 0.3984, 0.4261 looks on a white background.

Color Contrast Check

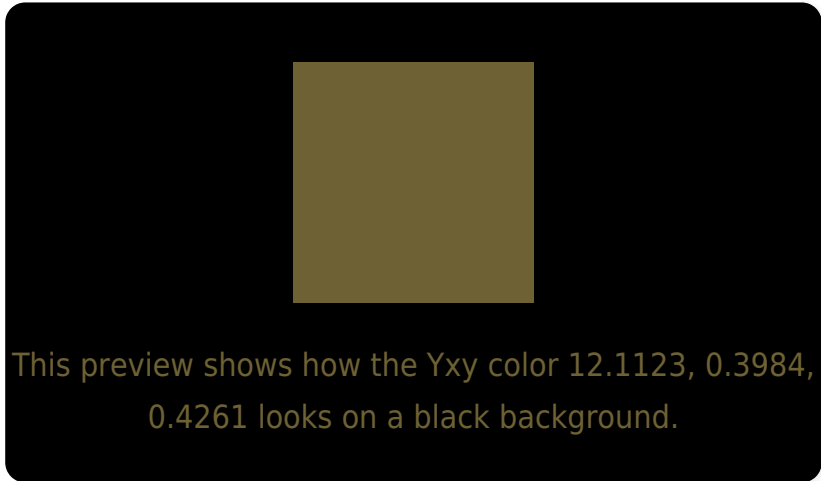
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Yxy 12.1123, 0.3984, 0.4261

Background



This preview shows how black text looks on a background with the Yxy color 12.1123, 0.3984, 0.4261.



This preview shows how white text looks on a background with the Yxy color 12.1123, 0.3984, 0.4261.

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

12.1123, 0.3984, 0.4261

Protanopia

12.1714, 0.3940, 0.4293

Deuteranopia

12.0788, 0.4180, 0.4104



Tritanopia

12.1326, 0.3372, 0.3142

Trichromacy



Original Color

12.1123, 0.3984, 0.4261

Protanomaly

12.2345, 0.3957, 0.4286

Deuteranomaly

11.9755, 0.4103, 0.4147

Tritanomaly

12.1253, 0.3614, 0.3552

Monochromacy



Original Color

12.1123, 0.3984, 0.4261

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.7116, 0.3439, 0.3662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.1123, 0.3984, 0.4261 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(110, 97, 52)` looks like.

```
.text, #text, p{  
    color:rgb(110, 97, 52)  
}
```

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(110, 97, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 97, 52) }
```

Border

The CSS property to change the border of an element to Yxy 12.1123, 0.3984, 0.4261 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(110, 97, 52) }
```

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

```
.border{ border-color:rgb(110, 97, 52) }
```

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

Here you see how a box with a 4 pixel rgb(110, 97, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 97, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 97, 52);  
box-shadow:4px 4px 4px 4px rgb(110, 97,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 12.1123, 0.3984, 0.4261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 97, 52) }
```

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

```
.background{ background-color: rgb(110, 97,  
52) }
```

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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