

Converting Colors

$Y_{xy}(11.4755, 0.3620, 0.4116)$

Have a look what the booklet for
Yxy(11.4755, 0.3620, 0.4116)
contains.

Yxy(11.4386, 0.3631, 0.4122)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.4386, 0.3631, 0.4122)

Conversions

Conversions Part 1

Format	Color
Hex	61613E
RGB	97, 97, 62
RGB Percent	38%, 38%, 24%
CMY	0.6195, 0.6196, 0.7568
CMYK	0.00, 0.00, 0.36, 0.62
HSL	60°, 22%, 31%
HSV	60°, 36%, 38%
XYZ	10.0761, 11.4386, 6.2355
YIQ	93.0100, 11.2350, -10.8850

Conversions

Conversions Part 2

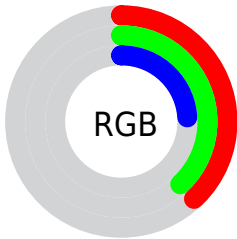
Format	Color
RYB	62, 97, 62
Decimal	6381886
CIELab	40.31, -6.07, 20.00
CIELCh	40, 20.897, 106.897
Yxy	11.4386, 0.3631, 0.4122
Android (android.graphics.Color)	4284571966 (0xFF61613E)
YUV	93.0100, -15.2879, 3.4992
Hunter-Lab	33.8210, -6.0074, 12.7436

Details

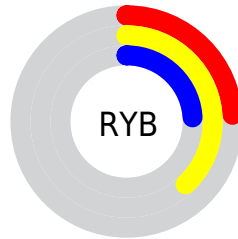
The Yxy color **11.4386, 0.3631, 0.4122** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.3374, 0.2526, 0.2296**, and the grayscale version is **10.9844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6015, 0.3502, 0.3910**, and **3.0928, 0.3857, 0.4558** is the 20% darker color. If you saturate the color by 10%, you get **11.3404, 0.3763, 0.4340**, and if you desaturate by 10%, it is **11.5568, 0.3492, 0.3892**.

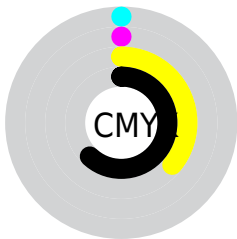
Distribution



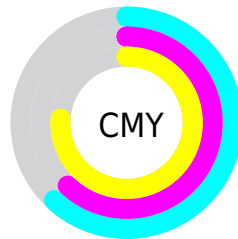
- Red (38%)
- Green (38%)
- Blue (24%)



- Red (24%)
- Yellow (38%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (62%)



- Cyan (62%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.4386, 0.3631, 0.4122 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 11.4386, 0.3631, 0.4122 by changing the saturation by 10% instead.

■ 11.4386, 0.3631,
0.4122

■ 11.4386, 0.3631,
0.4122

■ 200.6524, 0.3329,
0.3606

■ 6.3627, 0.3726,
0.4301

■ 28.4684, 0.3507,
0.3902

■ 3.0668, 0.3859,
0.4572

■ 41.1911, 0.3465,
0.3830

■ 1.1667, 0.4462,
0.5538

■ 57.2314, 0.3431,
0.3773

■ 0.0343, 0.0000,
1.0000

■ 76.9739, 0.3403,
0.3727

■ 0.0000, 0.0000,
0.0000

■ 100.8028, 0.3380,
0.3689

■ 129.1026, 0.3361,

0.3657

162.2576, 0.3344,
0.3630

■ 11.4386, 0.3631,
0.4122

■ 11.4386, 0.3631,
0.4122

■ 11.3404, 0.3763,
0.4340

■ 11.5568, 0.3492,
0.3892

■ 11.2598, 0.3884,
0.4539

■ 11.6945, 0.3350,
0.3659

■ 11.1960, 0.3988,
0.4711

■ 11.8530, 0.3210,
0.3428

■ 11.1479, 0.4072,
0.4850

■ 12.0332, 0.3075,
0.3204

■ 11.1141, 0.4134,
0.4951

■ 12.2358, 0.2946,
0.2990

■ 11.0906, 0.4178,
0.5024

■ 12.4616, 0.2825,
0.2790

■ 11.0817, 0.4195,
0.5051

■ 12.7114, 0.2713,
0.2605

■ 12.9856, 0.2609,
0.2434

■ 13.2851, 0.2515,
0.2278

Harmonies

Analogous

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



11.4386, 0.3958, 0.3930



11.4386, 0.3631, 0.4122



11.4386, 0.3183, 0.4069

Triad

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



11.4386, 0.3631, 0.4122



11.4386, 0.2277, 0.2874



11.4386, 0.3491, 0.2885

Complementary

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



11.4386, 0.3631, 0.4122



5.3374, 0.2526, 0.2296

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.



11.4386, 0.3015, 0.2642



11.4386, 0.3631, 0.4122



11.4386, 0.2343, 0.2616

Square

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



11.4386, 0.3631, 0.4122



11.4386, 0.2415, 0.3289



11.4386, 0.2602, 0.2542



11.4386, 0.3885, 0.3223

Rectangle

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



11.4386, 0.3631, 0.4122



11.4386, 0.2879, 0.3879



11.4386, 0.2602, 0.2542



11.4386, 0.3334, 0.2791

Sweetspot

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



11.4391, 0.3631, 0.4122



20.1601, 0.3283, 0.3548



6.3434, 0.3896, 0.3277



4.9998, 0.3296, 0.3568



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



11.4391, 0.3631, 0.4122



19.4573, 0.3740, 0.4301



10.6116, 0.3354, 0.4205



2.9688, 0.3249, 0.3491



15.0698, 0.4195, 0.5051



80.4997, 0.4195, 0.5051

Inverse Universe

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



5.3374, 0.2526, 0.2296



7.3678, 0.2364, 0.2029



5.9692, 0.2822, 0.2372



2.5163, 0.3000, 0.3080



1.1763, 0.1500, 0.0601



6.2778, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 11.4386, 0.3631, 0.4122 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



This preview shows how the Yxy color 11.4386, 0.3631, 0.4122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

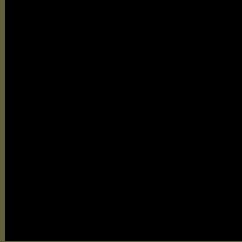
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4386, 0.3631, 0.4122

Background



This preview shows how black text looks on a background with the Yxy color 11.4386, 0.3631, 0.4122.



This preview shows how white text looks on a background with the Yxy color 11.4386, 0.3631, 0.4122.

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

11.4386, 0.3631, 0.4122

Protanopia

11.4049, 0.3761, 0.4074

Deuteranopia

11.4185, 0.3952, 0.3898



Tritanopia

11.3411, 0.3151, 0.3109

Trichromacy



Original Color

11.4386, 0.3631, 0.4122

Protanomaly

11.4694, 0.3719, 0.4105

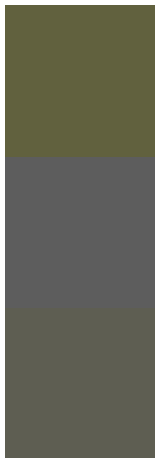
Deuteranomaly

11.3757, 0.3833, 0.3965

Tritanomaly

11.3866, 0.3340, 0.3477

Monochromacy



Original Color

11.4386, 0.3631, 0.4122

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.9943, 0.3303, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4386, 0.3631, 0.4122 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(97, 97, 62) looks like.

```
.text, #text, p{  
  color:rgb(97, 97, 62)  
}
```

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(97, 97, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 97, 62) }
```

Border

The CSS property to change the border of an element to Yxy 11.4386, 0.3631, 0.4122 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(97, 97, 62) }
```

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

```
.border{ border-color:rgb(97, 97, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 97, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 97, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 97, 62);  
box-shadow:4px 4px 4px 4px rgb(97, 97, 62)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4386, 0.3631, 0.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 97, 62) }
```

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

```
.background{ background-color: rgb(97, 97,  
62) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor