

Converting Colors

$Y_{xy}(14.2855, 0.3111, 0.3637)$

Have a look what the booklet for
Yxy(14.2855, 0.3111, 0.3637)
contains.

Yxy(14.3397, 0.3110, 0.3652)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.3397, 0.3110, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	5E6E5E
RGB	94, 110, 94
RGB Percent	37%, 43%, 37%
CMY	0.6314, 0.5686, 0.6314
CMYK	0.15, 0.00, 0.15, 0.57
HSL	120°, 8%, 40%
HSV	120°, 15%, 43%
XYZ	12.2115, 14.3397, 12.7141
YIQ	103.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

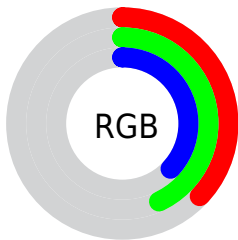
Format	Color
R_{YB}	94, 110, 110
Decimal	6188638
CIE Lab	44.72, -9.41, 6.93
CIE LCh	45, 11.685, 143.637
Yxy	14.3397, 0.3110, 0.3652
Android (android.graphics.Color)	4284378718 (0xFF5E6E5E)
YUV	103.3920, -4.6303, -8.2368
Hunter-Lab	37.8678, -8.7064, 6.6008

Details

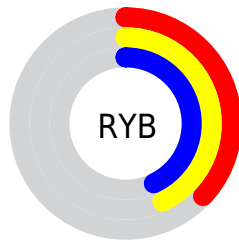
The Yxy color **14.3397, 0.3110, 0.3652** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4443, 0.3143, 0.2953**, and the grayscale version is **13.6861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7836, 0.3114, 0.3571**, and **4.2870, 0.3102, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **13.6162, 0.3096, 0.3939**, and if you desaturate by 10%, it is **15.1754, 0.3122, 0.3396**.

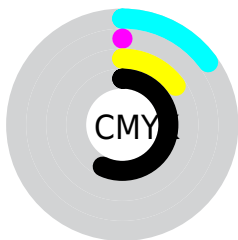
Distribution



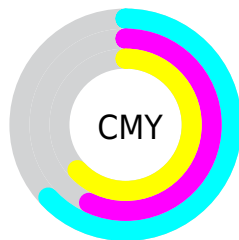
- Red (37%)
- Green (43%)
- Blue (37%)



- Red (37%)
- Yellow (43%)
- Blue (43%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (57%)



- Cyan (63%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.3397, 0.3110, 0.3652 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 14.3397, 0.3110, 0.3652 by changing the saturation by 10% instead.

■ 14.3397, 0.3110,
0.3652

■ 14.3397, 0.3110,
0.3652

■ 219.3340, 0.3122,
0.3432

■ 8.3573, 0.3105,
0.3727

■ 33.6906, 0.3116,
0.3559

■ 4.3244, 0.3095,
0.3842

■ 47.8278, 0.3118,
0.3529

■ 1.8566, 0.3076,
0.4037

■ 65.4522, 0.3119,
0.3504

■ 0.5221, 0.3054,
0.5982

■ 86.9480, 0.3120,
0.3484

■ 0.0000, 0.0000,
0.0000

■ 112.6997, 0.3121,
0.3468

■ 143.0917, 0.3121,

0.3454

178.5083, 0.3122,
0.3442

■ 14.3397, 0.3110,
0.3652

■ 14.3397, 0.3110,
0.3652

■ 13.6162, 0.3096,
0.3939

■ 15.1754, 0.3122,
0.3396

■ 12.9984, 0.3082,
0.4253

■ 16.1259, 0.3133,
0.3171

■ 12.4820, 0.3066,
0.4587

■ 17.1960, 0.3142,
0.2976

■ 12.0614, 0.3050,
0.4926

■ 18.3896, 0.3150,
0.2806

■ 11.7309, 0.3035,
0.5251

■ 19.7104, 0.3157,
0.2660

■ 11.4838, 0.3021,
0.5538

■ 21.1621, 0.3163,
0.2534

■ 11.3127, 0.3011,
0.5764

■ 22.7482, 0.3168,
0.2426

■ 11.2050, 0.3003,
0.5920

■ 24.4719, 0.3173,
0.2331

■ 11.1532, 0.3000,
0.5999

■ 26.3366, 0.3177,
0.2250

Harmonies

Analogous

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



14.3397, 0.3349, 0.3720



14.3397, 0.3110, 0.3652



14.3397, 0.2882, 0.3474

Triad

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



14.3397, 0.3110, 0.3652



14.3397, 0.2731, 0.2916



14.3397, 0.3548, 0.3310

Complementary

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



14.3397, 0.3110, 0.3652



12.4443, 0.3143, 0.2953

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.



14.3397, 0.3370, 0.3113



14.3397, 0.3110, 0.3652



14.3397, 0.2897, 0.2890

Square

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



14.3397, 0.3110, 0.3652



14.3397, 0.2668, 0.3043



14.3397, 0.3130, 0.2962



14.3397, 0.3608, 0.3510

Rectangle

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



14.3397, 0.3110, 0.3652



14.3397, 0.2765, 0.3323



14.3397, 0.3130, 0.2962



14.3397, 0.3500, 0.3242

Sweetspot

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



14.3403, 0.3110, 0.3652



26.7195, 0.3123, 0.3385



15.2763, 0.3332, 0.3629



6.1957, 0.3122, 0.3400



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.



14.3403, 0.3110, 0.3652



24.7942, 0.3106, 0.3732



14.4914, 0.3013, 0.3468



3.7633, 0.3117, 0.3506



13.3971, 0.3000, 0.5999



66.7363, 0.3000, 0.6000

Inverse Universe

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



12.4443, 0.3143, 0.2953



20.8789, 0.3146, 0.2885



12.2780, 0.3259, 0.3118



3.4534, 0.3137, 0.3083



5.3324, 0.3211, 0.1543



26.5622, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 14.3397, 0.3110, 0.3652 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 14.3397, 0.3110, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

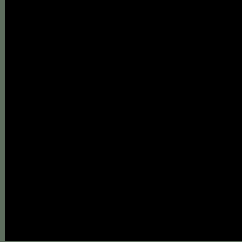
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3397, 0.3110, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 14.3397, 0.3110, 0.3652.



This preview shows how white text looks on a background with the Yxy color 14.3397, 0.3110, 0.3652.

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

14.3397, 0.3110, 0.3652

Protanopia

14.2554, 0.3388, 0.3568

Deuteranopia

14.2692, 0.3462, 0.3414



Tritanopia

14.3499, 0.2909, 0.3118

Trichromacy



Original Color

14.3397, 0.3110, 0.3652

Protanomaly

14.3090, 0.3281, 0.3595

Deuteranomaly

14.2444, 0.3332, 0.3504

Tritanomaly

14.3280, 0.2992, 0.3312

Monochromacy



Original Color

14.3397, 0.3110, 0.3652

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.9375, 0.3121, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3397, 0.3110, 0.3652 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(94, 110, 94) looks like.

```
.text, #text, p{  
    color:rgb(94, 110, 94)  
}
```

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(94, 110, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 110, 94) }
```

Border

The CSS property to change the border of an element to Yxy 14.3397, 0.3110, 0.3652 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(94, 110, 94) }
```

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

```
.border{ border-color:rgb(94, 110, 94) }
```

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

Here you see how a box with a 4 pixel rgb(94, 110, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 110, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 110, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 110,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3397, 0.3110, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 110, 94) }
```

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

```
.background{ background-color: rgb(94, 110,  
94) }
```

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