

Converting Colors

$Y_{xy}(14.0626, 0.3597, 0.3759)$

Have a look what the booklet for
Yxy(14.0626, 0.3597, 0.3759)
contains.

Yxy(14.1547, 0.3593, 0.3755)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.1547, 0.3593, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	736852
RGB	115, 104, 82
RGB Percent	45%, 41%, 32%
CMY	0.5490, 0.5922, 0.6785
CMYK	0.00, 0.10, 0.29, 0.55
HSL	40°, 17%, 39%
HSV	40°, 29%, 45%
XYZ	13.5440, 14.1547, 9.9969
YIQ	104.7810, 13.6180, -4.5100

Conversions

Conversions Part 2

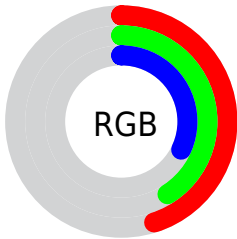
Format	Color
RYB	99, 115, 82
Decimal	7563346
CIELab	44.45, 0.58, 14.01
CIELCh	44, 14.017, 87.619
Yxy	14.1547, 0.3593, 0.3755
Android (android.graphics.Color)	4285753426 (0xFF736852)
YUV	104.7810, -11.2310, 8.9621
Hunter-Lab	37.6227, -1.5805, 10.5817

Details

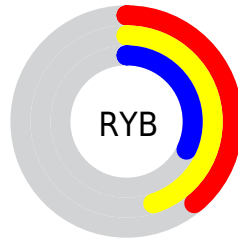
The Yxy color **14.1547, 0.3593, 0.3755** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.8582, 0.2681, 0.2776**, and the grayscale version is **14.0927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2969, 0.3479, 0.3648**, and **4.2181, 0.3810, 0.3974** is the 20% darker color. If you saturate the color by 10%, you get **13.2403, 0.3781, 0.3922**, and if you desaturate by 10%, it is **15.1348, 0.3417, 0.3588**.

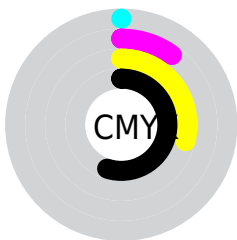
Distribution



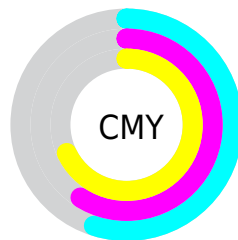
- Red (45%)
- Green (41%)
- Blue (32%)



- Red (39%)
- Yellow (45%)
- Blue (32%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (55%)





- Cyan (55%)
- Magenta (59%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1547, 0.3593, 0.3755 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 14.1547, 0.3593, 0.3755 by changing the saturation by 10% instead.

 14.1547, 0.3593,
0.3755


 14.1547, 0.3593,
0.3755


218.1911, 0.3315,
0.3478

 8.2283, 0.3683,
0.3844


 33.3633, 0.3478,
0.3641


 4.2414, 0.3816,
0.3975

 47.4143, 0.3440,
0.3603


 1.8095, 0.4039,
0.4193

 64.9423, 0.3409,
0.3572

 0.4931, 0.4948,
0.5052

 86.3317, 0.3383,
0.3546

 0.0000, 0.0000,
0.0000

 111.9669, 0.3362,
0.3525

142.2322, 0.3344,

0.3507

177.5122, 0.3328,
0.3492

■ 14.1547, 0.3593,
0.3755

■ 14.1547, 0.3593,
0.3755

■ 13.2403, 0.3781,
0.3922

■ 15.1348, 0.3417,
0.3588

■ 12.3879, 0.3978,
0.4081

■ 16.1805, 0.3256,
0.3426

■ 11.5959, 0.4179,
0.4227

■ 17.2942, 0.3109,
0.3271

■ 10.8621, 0.4377,
0.4348

■ 18.4775, 0.2977,
0.3125

■ 10.1842, 0.4562,
0.4435

■ 19.7320, 0.2858,
0.2988

■ 9.5592, 0.4727,
0.4480

■ 21.0592, 0.2752,
0.2862

■ 8.9797, 0.4876,
0.4493

■ 22.4606, 0.2657,
0.2746

■ 8.9078, 0.4896,
0.4495

■ 23.9375, 0.2572,
0.2639

■ 25.4913, 0.2497,
0.2541

Harmonies

Analogous

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



14.1547, 0.3705, 0.3580



14.1547, 0.3593, 0.3755



14.1547, 0.3356, 0.3809

Triad

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



14.1547, 0.3593, 0.3755



14.1547, 0.2626, 0.3199



14.1547, 0.3169, 0.2918

Complementary

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



14.1547, 0.3593, 0.3755



10.8582, 0.2681, 0.2776

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.



14.1547, 0.2883, 0.2817



14.1547, 0.3593, 0.3755



14.1547, 0.2580, 0.2964

Square

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



14.1547, 0.3593, 0.3755



14.1547, 0.2800, 0.3477



14.1547, 0.2672, 0.2830



14.1547, 0.3455, 0.3106

Rectangle

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



14.1547, 0.3593, 0.3755



14.1547, 0.3164, 0.3759



14.1547, 0.2672, 0.2830



14.1547, 0.3069, 0.2873

Sweetspot

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



14.1553, 0.3593, 0.3755



28.8685, 0.3264, 0.3434



10.4772, 0.3511, 0.3043



6.8324, 0.3283, 0.3453



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.1553, 0.3593, 0.3755



24.3178, 0.3708, 0.3858



16.1916, 0.3467, 0.3984



4.0704, 0.3261, 0.3431



10.1412, 0.4901, 0.4490



47.7963, 0.4949, 0.4452

Inverse Universe

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



10.8582, 0.2681, 0.2776



17.4572, 0.2577, 0.2646



9.2929, 0.2726, 0.2524



3.7710, 0.2995, 0.3145



2.9872, 0.1650, 0.1140



13.1285, 0.1625, 0.1048

Previews

White Background



This preview shows how the Yxy color 14.1547, 0.3593, 0.3755 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 14.1547, 0.3593, 0.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

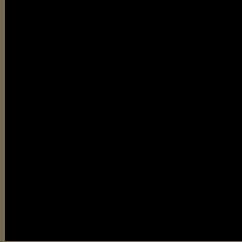
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1547, 0.3593, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 14.1547, 0.3593, 0.3755.



This preview shows how white text looks on a background with the Yxy color 14.1547, 0.3593, 0.3755.

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

14.1547, 0.3593, 0.3755

Protanopia

14.1571, 0.3542, 0.3782

Deuteranopia

14.1428, 0.3718, 0.3656



Tritanopia

14.0486, 0.3281, 0.3128

Trichromacy



Original Color

14.1547, 0.3593, 0.3755

Protanomaly

14.2231, 0.3557, 0.3780

Deuteranomaly

14.1203, 0.3666, 0.3682

Tritanomaly

13.9901, 0.3392, 0.3332

Monochromacy



Original Color

14.1547, 0.3593, 0.3755

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.2174, 0.3291, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1547, 0.3593, 0.3755 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(115, 104, 82)` looks like.

```
.text, #text, p{  
    color:rgb(115, 104, 82)  
}
```

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(115, 104, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 104, 82) }
```

Border

The CSS property to change the border of an element to Yxy 14.1547, 0.3593, 0.3755 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(115, 104, 82) }
```

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

```
.border{ border-color:rgb(115, 104, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 104, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 104, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 104, 82);  
box-shadow:4px 4px 4px 4px rgb(115, 104,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1547, 0.3593, 0.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 104, 82) }
```

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

```
.background{ background-color: rgb(115,  
104, 82) }
```

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