

Converting Colors

$Y_{xy}(14.1436, 0.3703, 0.3691)$

Have a look what the booklet for
Yxy(14.1436, 0.3703, 0.3691)
contains.

Yxy(14.1769, 0.3696, 0.3701)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.1769, 0.3696, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	796652
RGB	121, 102, 82
RGB Percent	47%, 40%, 32%
CMY	0.5255, 0.6000, 0.6785
CMYK	0.00, 0.16, 0.32, 0.53
HSL	31°, 19%, 40%
HSV	31°, 32%, 47%
XYZ	14.1577, 14.1769, 9.9709
YIQ	105.4010, 17.7440, -2.1920

Conversions

Conversions Part 2

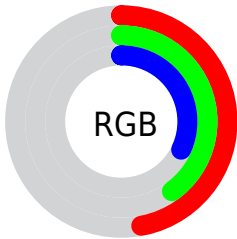
Format	Color
RYB	119, 121, 82
Decimal	7956050
CIELab	44.49, 4.33, 14.14
CIElCh	44, 14.787, 72.961
Yxy	14.1769, 0.3696, 0.3701
Android (android.graphics.Color)	4286146130 (0xFF796652)
YUV	105.4010, -11.5367, 13.6803
Hunter-Lab	37.6522, 1.2270, 10.6556

Details

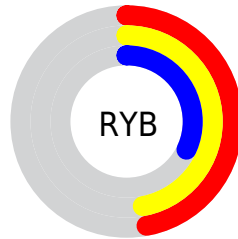
The Yxy color **14.1769, 0.3696, 0.3701** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4747, 0.2636, 0.2839**, and the grayscale version is **14.2692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4198, 0.3560, 0.3611**, and **4.2437, 0.3991, 0.3874** is the 20% darker color. If you saturate the color by 10%, you get **12.8927, 0.3917, 0.3832**, and if you desaturate by 10%, it is **15.5771, 0.3496, 0.3569**.

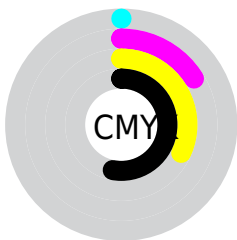
Distribution



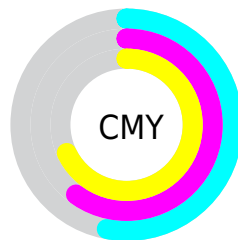
- Red (47%)
- Green (40%)
- Blue (32%)



- Red (47%)
- Yellow (47%)
- Blue (32%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (53%)





- Cyan (53%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1769, 0.3696, 0.3701 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 14.1769, 0.3696, 0.3701 by changing the saturation by 10% instead.


 14.1769, 0.3696,
0.3701


 14.1769, 0.3696,
0.3701


218.3286, 0.3355,
0.3460


 8.2438, 0.3808,
0.3776


 33.4026, 0.3555,
0.3603


 4.2513, 0.3973,
0.3883

 47.4640, 0.3507,
0.3570


 1.8151, 0.4250,
0.4057

 65.0036, 0.3469,
0.3543

 0.4966, 0.5378,
0.4622

 86.4058, 0.3438,
0.3520

 0.0000, 0.0000,
0.0000

 112.0550, 0.3412,
0.3502

142.3356, 0.3390,

0.3486

177.6320, 0.3371,
0.3472

■ 14.1769, 0.3696,
0.3701

■ 14.1769, 0.3696,
0.3701

■ 12.8927, 0.3917,
0.3832

■ 15.5771, 0.3496,
0.3569

■ 11.7192, 0.4158,
0.3956

■ 17.0946, 0.3317,
0.3440

■ 10.6533, 0.4412,
0.4063

■ 18.7331, 0.3160,
0.3316

■ 9.6912, 0.4670,
0.4143

■ 20.4955, 0.3021,
0.3201

■ 8.8288, 0.4919,
0.4185

■ 22.3847, 0.2899,
0.3093

■ 8.0612, 0.5145,
0.4180

■ 24.4034, 0.2792,
0.2994

■ 7.5210, 0.5317,
0.4160

■ 26.5542, 0.2699,
0.2903

■ 28.8398, 0.2616,
0.2819

■ 31.2625, 0.2544,
0.2743

Harmonies

Analogous

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



14.1769, 0.3733, 0.3476



14.1769, 0.3696, 0.3701



14.1769, 0.3502, 0.3829

Triad

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



14.1769, 0.3696, 0.3701



14.1769, 0.2674, 0.3336



14.1769, 0.3018, 0.2834

Complementary

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



14.1769, 0.3696, 0.3701



12.4747, 0.2636, 0.2839

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.



14.1769, 0.2748, 0.2783



14.1769, 0.3696, 0.3701



14.1769, 0.2557, 0.3055

Square

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



14.1769, 0.3696, 0.3701



14.1769, 0.2910, 0.3620



14.1769, 0.2584, 0.2859



14.1769, 0.3330, 0.2991

Rectangle

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



14.1769, 0.3696, 0.3701



14.1769, 0.3315, 0.3832



14.1769, 0.2584, 0.2859



14.1769, 0.2919, 0.2804

Sweetspot

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



14.1776, 0.3696, 0.3701



31.1835, 0.3285, 0.3415



11.0464, 0.3475, 0.2893



7.0568, 0.3303, 0.3429



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.1776, 0.3696, 0.3701



23.5948, 0.3866, 0.3803



18.3443, 0.3589, 0.4054



4.3236, 0.3266, 0.3400



8.0392, 0.5321, 0.4157



36.6376, 0.5395, 0.4098

Inverse Universe

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



12.4747, 0.2636, 0.2839



20.0192, 0.2514, 0.2710



9.2069, 0.2584, 0.2392



4.1856, 0.2994, 0.3178



4.7963, 0.1775, 0.1589



21.1865, 0.1750, 0.1501

Previews

White Background



This preview shows how the Yxy color 14.1769, 0.3696, 0.3701 looks on a white background.

Color Contrast Check

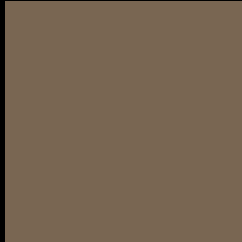
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1769, 0.3696, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

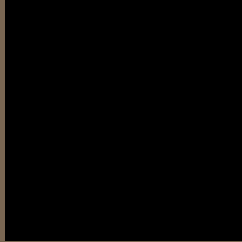
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1769, 0.3696, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 14.1769, 0.3696, 0.3701.



This preview shows how white text looks on a background with the Yxy color 14.1769, 0.3696, 0.3701.

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

14.1769, 0.3696, 0.3701

Protanopia

14.1724, 0.3528, 0.3761

Deuteranopia

14.1275, 0.3733, 0.3677



Tritanopia

14.2494, 0.3402, 0.3152

Trichromacy



Original Color

14.1769, 0.3696, 0.3701

Protanomaly

14.1700, 0.3578, 0.3733

Deuteranomaly

14.0541, 0.3718, 0.3679

Tritanomaly

14.1884, 0.3516, 0.3351

Monochromacy



Original Color

14.1769, 0.3696, 0.3701

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.1432, 0.3322, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1769, 0.3696, 0.3701 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(121, 102, 82)` looks like.

```
.text, #text, p{  
    color:rgb(121, 102, 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(121, 102, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 102, 82) }
```

Border

The CSS property to change the border of an element to Yxy 14.1769, 0.3696, 0.3701 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(121, 102, 82) }
```

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

```
.border{ border-color:rgb(121, 102, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 102, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 102, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 102, 82);  
box-shadow:4px 4px 4px 4px rgb(121, 102,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1769, 0.3696, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 102, 82) }
```

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

```
.background{ background-color: rgb(121,  
102, 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](#).

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