

Converting Colors

$Y_{xy}(15.6462, 0.3770, 0.3786)$

Have a look what the booklet for
Yxy(15.6462, 0.3770, 0.3786)
contains.

Yxy(15.6366, 0.3756, 0.3781)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.6366, 0.3756, 0.3781)

Conversions

Conversions Part 1

Format	Color
Hex	7F6B52
RGB	127, 107, 82
RGB Percent	50%, 42%, 32%
CMY	0.5020, 0.5804, 0.6784
CMYK	0.00, 0.16, 0.35, 0.50
HSL	33°, 22%, 41%
HSV	33°, 35%, 50%
XYZ	15.5332, 15.6366, 10.1859
YIQ	110.1300, 19.9450, -3.5350

Conversions

Conversions Part 2

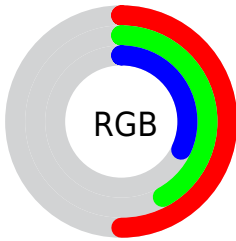
Format	Color
R_{YB}	118, 127, 82
Decimal	8350546
CIE _{Lab}	46.49, 3.99, 16.96
CIE _{LCh}	46, 17.421, 76.744
Yxy	15.6366, 0.3756, 0.3781
Android (android.graphics.Color)	4286540626 (0xFF7F6B52)
YUV	110.1300, -13.8681, 14.7950
Hunter-Lab	39.5431, 0.9173, 12.4077

Details

The Yxy color **15.6366, 0.3756, 0.3781** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.8322, 0.2577, 0.2741**, and the grayscale version is **15.6691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9434, 0.3606, 0.3657**, and **4.9431, 0.4043, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **14.3225, 0.3976, 0.3921**, and if you desaturate by 10%, it is **17.0649, 0.3554, 0.3638**.

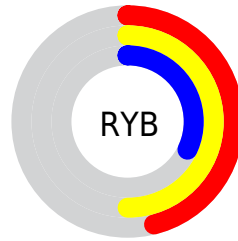
Distribution



Red (50%)

Green (42%)

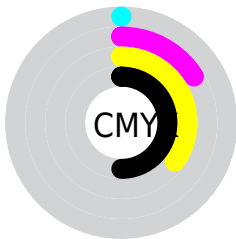
Blue (32%)



Red (46%)

Yellow (50%)

Blue (32%)

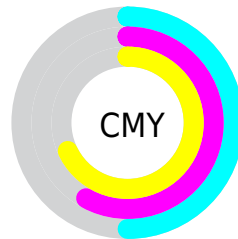


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (50%)



Cyan (50%)


Magenta (58%)

Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6366, 0.3756, 0.3781 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 15.6366, 0.3756, 0.3781 by changing the saturation by 10% instead.


 15.6366, 0.3756,
0.3781


 15.6366, 0.3756,
0.3781


227.1877, 0.3385,
0.3497


 9.2674, 0.3874,
0.3867


 35.9662, 0.3604,
0.3667


 4.9160, 0.4043,
0.3987

 50.6953, 0.3553,
0.3628

 2.1981, 0.4310,
0.4168

 68.9798, 0.3511,
0.3596

 0.7189, 0.5206,
0.4794

 91.2042, 0.3477,
0.3569

 0.0000, 0.0000,
0.0000

 117.7528, 0.3448,
0.3547

149.0100, 0.3424,

0.3528

185.3601, 0.3403,
0.3512

■ 15.6366, 0.3756,
0.3781

■ 15.6366, 0.3756,
0.3781

■ 14.3225, 0.3976,
0.3921

■ 17.0649, 0.3554,
0.3638

■ 13.1168, 0.4211,
0.4050

■ 18.6083, 0.3371,
0.3496

■ 12.0168, 0.4452,
0.4158

■ 20.2707, 0.3208,
0.3361

■ 11.0183, 0.4691,
0.4235

■ 22.0550, 0.3063,
0.3232

■ 10.1170, 0.4914,
0.4269

■ 23.9641, 0.2935,
0.3112

■ 9.3070, 0.5113,
0.4258

■ 26.0006, 0.2822,
0.3002

■ 8.9604, 0.5205,
0.4249

■ 28.1672, 0.2723,
0.2899

■ 30.4664, 0.2635,
0.2806

■ 32.9007, 0.2558,
0.2720

Harmonies

Analogous

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



15.6366, 0.3825, 0.3533



15.6366, 0.3756, 0.3781



15.6366, 0.3515, 0.3913

Triad

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



15.6366, 0.3756, 0.3781



15.6366, 0.2587, 0.3297



15.6366, 0.3045, 0.2791

Complementary

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



15.6366, 0.3756, 0.3781



12.8322, 0.2577, 0.2741

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.



15.6366, 0.2729, 0.2716



15.6366, 0.3756, 0.3781



15.6366, 0.2476, 0.2985

Square

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



15.6366, 0.3756, 0.3781



15.6366, 0.2839, 0.3631



15.6366, 0.2527, 0.2780



15.6366, 0.3401, 0.2980

Rectangle

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



15.6366, 0.3756, 0.3781



15.6366, 0.3295, 0.3903



15.6366, 0.2527, 0.2780



15.6366, 0.2931, 0.2752

Sweetspot

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



15.6373, 0.3756, 0.3781



34.5358, 0.3301, 0.3439



11.5138, 0.3563, 0.2892



8.0091, 0.3319, 0.3454



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



15.6373, 0.3756, 0.3781



26.2006, 0.3922, 0.3888



20.1282, 0.3607, 0.4141



4.7093, 0.3266, 0.3410



9.0346, 0.5206, 0.4249



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.8322, 0.2577, 0.2741



20.4376, 0.2455, 0.2600



9.4671, 0.2547, 0.2290



4.5019, 0.2993, 0.3167



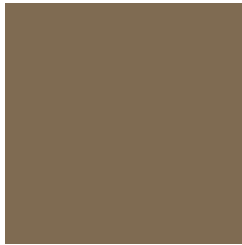
4.4397, 0.1737, 0.1452



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 15.6366, 0.3756, 0.3781 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 15.6366, 0.3756, 0.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

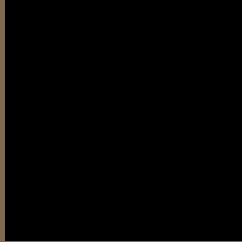
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6366, 0.3756, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 15.6366, 0.3756, 0.3781.



This preview shows how white text looks on a background with the Yxy color 15.6366, 0.3756, 0.3781.

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

15.6366, 0.3756, 0.3781

Protanopia

15.6279, 0.3592, 0.3843

Deuteranopia

15.6631, 0.3808, 0.3755



Tritanopia

15.5940, 0.3407, 0.3139

Trichromacy



Original Color

15.6366, 0.3756, 0.3781

Protanomaly

15.6268, 0.3642, 0.3816

Deuteranomaly

15.5844, 0.3793, 0.3757

Tritanomaly

15.4879, 0.3546, 0.3369

Monochromacy



Original Color

15.6366, 0.3756, 0.3781

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.5704, 0.3341, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6366, 0.3756, 0.3781 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(127, 107, 82)` looks like.

```
.text, #text, p{  
    color:rgb(127, 107, 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(127, 107, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 107, 82) }
```

Border

The CSS property to change the border of an element to Yxy 15.6366, 0.3756, 0.3781 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(127, 107, 82) }
```

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

```
.border{ border-color:rgb(127, 107, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 107, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 107, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 107, 82);  
box-shadow:4px 4px 4px 4px rgb(127, 107,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6366, 0.3756, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 107, 82) }
```

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

```
.background{ background-color: rgb(127,  
107, 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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