

Converting Colors

$Y_{xy}(15.1480, 0.3227, 0.3039)$

Have a look what the booklet for
Yxy(15.1480, 0.3227, 0.3039)
contains.

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Color

$Y_{xy}(15.0990, 0.3224, 0.3037)$

Conversions

Conversions Part 1	
Format	Color
Hex	7A6774
RGB	122, 103, 116
RGB Percent	48%, 40%, 45%
CMY	0.5215, 0.5961, 0.5451
CMYK	0.00, 0.16, 0.05, 0.52
HSL	319°, 8%, 44%
HSV	319°, 16%, 48%
XYZ	16.0287, 15.0990, 18.5891
YIQ	110.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

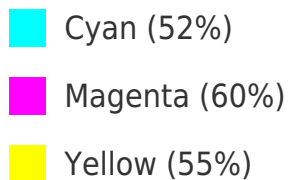
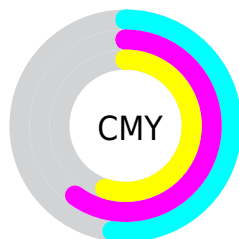
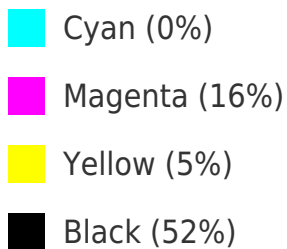
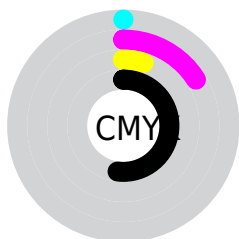
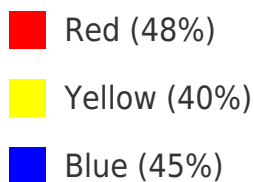
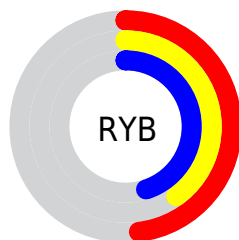
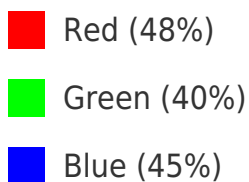
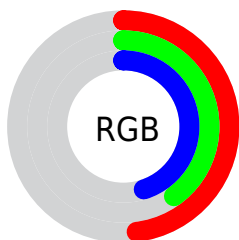
Format	Color
RYB	122, 103, 116
Decimal	8021876
CIELab	45.77, 9.99, -4.45
CIELCh	46, 10.941, 335.992
Yxy	15.0990, 0.3224, 0.3037
Android (android.graphics.Color)	4286211956 (0xFF7A6774)
YUV	110.1630, 2.8776, 10.3810
Hunter-Lab	38.8574, 5.6308, -1.1637

Details

The Yxy color $15.0990, 0.3224, 0.3037$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $17.9088, 0.3042, 0.3557$, and the grayscale version is $15.6325, 0.3127, 0.3290$.

A 20% lighter version of the original color is $35.0523, 0.3205, 0.3095$, and $4.6622, 0.3261, 0.2921$ is the 20% darker color. If you saturate the color by 10%, you get $12.7590, 0.3300, 0.2867$, and if you desaturate by 10%, it is $17.7983, 0.3159, 0.3202$.


Distribution



Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0990, 0.3224, 0.3037 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 15.0990, 0.3224, 0.3037 by changing the saturation by 10% instead.

 15.0990, 0.3224,
0.3037


 15.0990, 0.3224,
0.3037


223.9647, 0.3168,
0.3185


 8.8889, 0.3242,
0.2990

 35.0268, 0.3201,
0.3097

 4.6688, 0.3267,
0.2923

 49.5132, 0.3193,
0.3118

 2.0543, 0.3307,
0.2816

 67.5272, 0.3187,
0.3134

 0.6387, 0.3408,
0.2558

 89.4532, 0.3182,
0.3148


 0.0000, 0.0000,
0.0000


115.6755, 0.3178,
0.3159

146.5786, 0.3174,

0.3169


182.5469, 0.3171,
0.3177

 15.0990, 0.3224,
0.3037


 15.0990, 0.3224,
0.3037


 12.7590, 0.3300,
0.2867


 17.7983, 0.3159,
0.3202


 10.7609, 0.3387,
0.2697


 20.8692, 0.3104,
0.3358


 9.0890, 0.3486,
0.2531


 24.3261, 0.3057,
0.3505

 7.7255, 0.3597,
0.2379


 28.1818, 0.3018,
0.3642


 6.6509, 0.3718,
0.2248


 32.4487, 0.2985,
0.3769


 5.8434, 0.3845,
0.2149


 37.1384, 0.2957,
0.3886

 5.2781, 0.3976,
0.2091

 42.2624, 0.2934,
0.3993

 4.9124, 0.4107,
0.2074

 47.8316, 0.2915,
0.4091

 4.7684, 0.4167,
0.2069

 53.8563, 0.2899,
0.4182

Harmonies

Analogous

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



15.0990, 0.2999, 0.2937



15.0990, 0.3224, 0.3037



15.0990, 0.3429, 0.3199

Triad

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



15.0990, 0.3224, 0.3037



15.0990, 0.3442, 0.3668



15.0990, 0.2720, 0.3168

Complementary

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



15.0990, 0.3224, 0.3037



17.9088, 0.3042, 0.3557

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.



15.0990, 0.2830, 0.3375



15.0990, 0.3224, 0.3037



15.0990, 0.3244, 0.3673

Square

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



15.0990, 0.3224, 0.3037



15.0990, 0.3556, 0.3560



15.0990, 0.3021, 0.3565



15.0990, 0.2715, 0.3004

Rectangle

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



15.0990, 0.3224, 0.3037



15.0990, 0.3523, 0.3324



15.0990, 0.3021, 0.3565



15.0990, 0.2746, 0.3235

Sweetspot

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



15.0997, 0.3224, 0.3037



31.5409, 0.3156, 0.3209



14.3387, 0.2963, 0.2904



7.1467, 0.3160, 0.3200



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.



15.0997, 0.3224, 0.3037



24.8903, 0.3252, 0.2972



14.8964, 0.3350, 0.3215



4.0569, 0.3181, 0.3145



5.0183, 0.4170, 0.2071



23.7782, 0.4233, 0.2105

Inverse Universe

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



15.0997, 0.3224, 0.3037



24.8903, 0.3252, 0.2972



18.1172, 0.2942, 0.3366



4.0569, 0.3181, 0.3145



5.0183, 0.4170, 0.2071



23.7782, 0.4233, 0.2105

Previews

White Background



This preview shows how the Yxy color 15.0990, 0.3224, 0.3037 looks on a white background.

Color Contrast Check

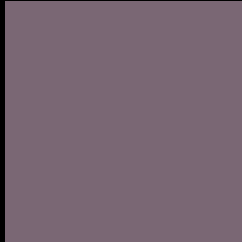
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0990, 0.3224, 0.3037 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 15.0990, 0.3224, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 15.0990, 0.3224, 0.3037.



This preview shows how white text looks on a background with the Yxy color 15.0990, 0.3224, 0.3037.

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

15.0990, 0.3224, 0.3037

Protanopia

15.1828, 0.2978, 0.3065

Deuteranopia

15.0771, 0.3137, 0.3070



Tritanopia

15.1354, 0.3262, 0.3133

Trichromacy



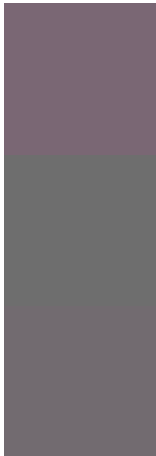
Original Color
15.0990, 0.3224, 0.3037

Protanomaly
15.0608, 0.3057, 0.3048

Deuteranomaly
15.0131, 0.3166, 0.3052

Tritanomaly
15.1578, 0.3248, 0.3113

Monochromacy



Original Color
15.0990, 0.3224, 0.3037

Achromatopsia
15.5926, 0.3127, 0.3290

Achromatomaly
15.2626, 0.3159, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0990, 0.3224, 0.3037 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(122, 103, 116) looks like.

```
.text, #text, p{  
    color:rgb(122, 103, 116)  
}
```

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(122, 103, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 103, 116) }
```

Border

The CSS property to change the border of an element to Yxy 15.0990, 0.3224, 0.3037 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(122, 103, 116) }
```

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

```
.border{ border-color:rgb(122, 103, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 103, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 103, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 103, 116);  
box-shadow:4px 4px 4px 4px rgb(122, 103,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0990, 0.3224, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 103, 116) }
```

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

```
.background{ background-color: rgb(122,  
103, 116) }
```

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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