

Converting Colors

$Y_{xy}(15.1665, 0.3329, 0.3193)$

Have a look what the booklet for
Yxy(15.1665, 0.3329, 0.3193)
contains.

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Color

Yxy(15.2157, 0.3332, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	7B686D
RGB	123, 104, 109
RGB Percent	48%, 41%, 43%
CMY	0.5175, 0.5922, 0.5725
CMYK	0.00, 0.15, 0.11, 0.52
HSL	344°, 8%, 45%
HSV	344°, 15%, 48%
XYZ	15.8831, 15.2157, 16.5695
YIQ	110.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

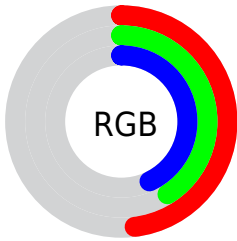
Format	Color
R_{YB}	123, 104, 109
Decimal	8087661
CIE Lab	45.93, 8.47, -0.00
CIE LCh	46, 8.471, 359.969
Yxy	15.2157, 0.3332, 0.3192
Android (android.graphics.Color)	4286277741 (0xFF7B686D)
YUV	110.2510, -0.6167, 11.1809
Hunter-Lab	39.0073, 4.4191, 2.1200

Details

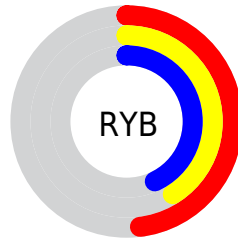
The Yxy color **15.2157, 0.3332, 0.3192** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4258, 0.2956, 0.3390**, and the grayscale version is **15.6698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2109, 0.3290, 0.3220**, and **4.7299, 0.3418, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **12.7326, 0.3502, 0.3124**, and if you desaturate by 10%, it is **18.0817, 0.3193, 0.3256**.

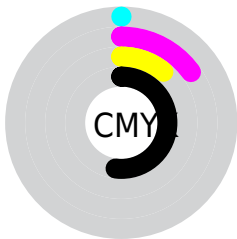
Distribution



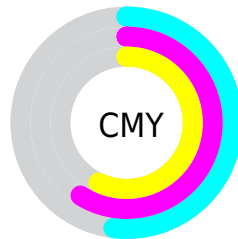
- Red (48%)
- Green (41%)
- Blue (43%)



- Red (48%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (52%)





- Cyan (52%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2157, 0.3332, 0.3192 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 15.2157, 0.3332, 0.3192 by changing the saturation by 10% instead.


 15.2157, 0.3332,
0.3192


 15.2157, 0.3332,
0.3192


224.6681, 0.3211,
0.3250


 8.9709, 0.3371,
0.3173


 35.2311, 0.3282,
0.3216


 4.7222, 0.3430,
0.3145

 49.7706, 0.3265,
0.3224

 2.0852, 0.3524,
0.3100

 67.8437, 0.3252,
0.3231

 0.6563, 0.3772,
0.2981

 89.8349, 0.3240,
0.3236

 0.0000, 0.0000,
0.0000

116.1285, 0.3231,
0.3240

147.1090, 0.3223,

0.3244

183.1607, 0.3217,
0.3247

■ 15.2157, 0.3332,
0.3192

■ 15.2157, 0.3332,
0.3192

■ 12.7326, 0.3502,
0.3124

■ 18.0817, 0.3193,
0.3256

■ 10.6142, 0.3708,
0.3056

■ 21.3438, 0.3078,
0.3317

■ 8.8437, 0.3956,
0.2990

■ 25.0171, 0.2985,
0.3372

■ 7.4025, 0.4247,
0.2932

■ 29.1151, 0.2907,
0.3423

■ 6.2699, 0.4579,
0.2890

■ 33.6511, 0.2844,
0.3470

■ 5.4230, 0.4941,
0.2874

■ 38.6373, 0.2791,
0.3512

■ 4.8357, 0.5308,
0.2893

■ 44.0859, 0.2747,
0.3551

■ 4.4648, 0.5652,
0.2948

■ 50.0083, 0.2710,
0.3586

■ 4.3202, 0.5803,
0.2970

■ 56.4157, 0.2679,
0.3619

Harmonies

Analogous

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



15.2157, 0.3168, 0.3072



15.2157, 0.3332, 0.3192



15.2157, 0.3442, 0.3338

Triad

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



15.2157, 0.3332, 0.3192



15.2157, 0.3253, 0.3590



15.2157, 0.2800, 0.3091

Complementary

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



15.2157, 0.3332, 0.3192



18.4258, 0.2956, 0.3390

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.



15.2157, 0.2822, 0.3228



15.2157, 0.3332, 0.3192



15.2157, 0.3080, 0.3523

Square

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



15.2157, 0.3332, 0.3192



15.2157, 0.3394, 0.3571



15.2157, 0.2923, 0.3388



15.2157, 0.2863, 0.3012

Rectangle

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



15.2157, 0.3332, 0.3192



15.2157, 0.3468, 0.3434



15.2157, 0.2923, 0.3388



15.2157, 0.2798, 0.3132

Sweetspot

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



15.2164, 0.3332, 0.3192



32.5558, 0.3188, 0.3259



15.1780, 0.3075, 0.2918



7.5923, 0.3195, 0.3255



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



15.2164, 0.3332, 0.3192



25.3795, 0.3396, 0.3165



16.0297, 0.3389, 0.3378



4.0308, 0.3239, 0.3234



4.4655, 0.5806, 0.2972



21.1789, 0.5932, 0.3042

Inverse Universe

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



15.2164, 0.3332, 0.3192



25.3795, 0.3396, 0.3165



17.4701, 0.2900, 0.3200



4.0308, 0.3239, 0.3234



4.4655, 0.5806, 0.2972



21.1789, 0.5932, 0.3042

Previews

White Background



This preview shows how the Yxy color 15.2157, 0.3332, 0.3192 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 15.2157, 0.3332, 0.3192 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 15.2157, 0.3332, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 15.2157, 0.3332, 0.3192.



This preview shows how white text looks on a background with the Yxy color 15.2157, 0.3332, 0.3192.

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

15.2157, 0.3332, 0.3192

Protanopia

15.2100, 0.3104, 0.3208

Deuteranopia

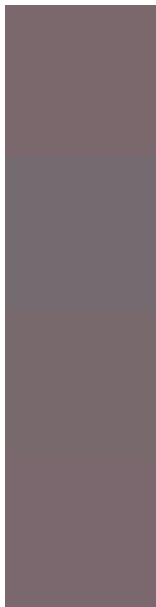
15.1292, 0.3272, 0.3210



Tritanopia

15.2814, 0.3290, 0.3134

Trichromacy



Original Color

15.2157, 0.3332, 0.3192

Protanomaly

15.3079, 0.3186, 0.3209

Deuteranomaly

15.2003, 0.3286, 0.3211

Tritanomaly

15.2593, 0.3304, 0.3153

Monochromacy



Original Color

15.2157, 0.3332, 0.3192

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.4958, 0.3198, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2157, 0.3332, 0.3192 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(123, 104, 109)` looks like.

```
.text, #text, p{  
    color:rgb(123, 104, 109)  
}
```

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(123, 104, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 104, 109) }
```

Border

The CSS property to change the border of an element to Yxy 15.2157, 0.3332, 0.3192 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(123, 104, 109) }
```

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

```
.border{ border-color:rgb(123, 104, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 104, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 104, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 104, 109);  
box-shadow:4px 4px 4px 4px rgb(123, 104,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2157, 0.3332, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 104, 109) }
```

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

```
.background{ background-color: rgb(123,  
104, 109) }
```

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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