

Converting Colors

$Y_{xy}(15.3338, 0.2728, 0.2176)$

Have a look what the booklet for
Yxy(15.3338, 0.2728, 0.2176)
contains.

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Color

$Y_{xy}(15.4100, 0.2725, 0.2175)$

Conversions

Conversions Part 1

Format	Color
Hex	7E60A2
RGB	126, 96, 162
RGB Percent	49%, 38%, 64%
CMY	0.5059, 0.6235, 0.3647
CMYK	0.22, 0.41, 0.00, 0.36
HSL	267°, 26%, 51%
HSV	267°, 41%, 64%
XYZ	19.3068, 15.4100, 36.1338
YIQ	112.4940, -3.3060, 26.8860

Conversions

Conversions Part 2

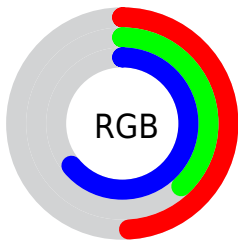
Format	Color
R_{YB}	126, 96, 162
Decimal	8282274
CIE _{Lab}	46.19, 25.86, -31.24
CIE _{LCh}	46, 40.553, 309.610
Yxy	15.4100, 0.2725, 0.2175
Android (android.graphics.Color)	4286472354 (0xFF7E60A2)
YUV	112.4940, 24.4065, 11.8448
Hunter-Lab	39.2556, 19.0931, -27.0961

Details

The Yxy color **15.4100, 0.2725, 0.2175** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **31.5873, 0.3409, 0.4387**, and the grayscale version is **16.2838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5805, 0.2829, 0.2409**, and **4.8183, 0.2528, 0.1787** is the 20% darker color. If you saturate the color by 10%, you get **12.1104, 0.2595, 0.1878**, and if you desaturate by 10%, it is **19.3792, 0.2844, 0.2471**.

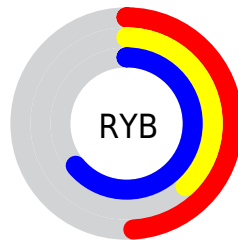
Distribution



Red (49%)

Green (38%)

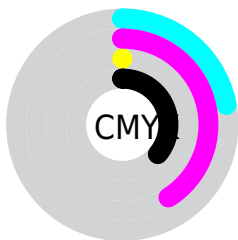
Blue (64%)



Red (49%)

Yellow (38%)

Blue (64%)

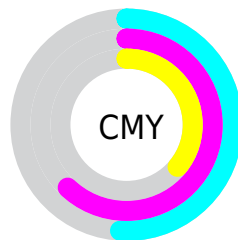


Cyan (22%)

Magenta (41%)

Yellow (0%)

Black (36%)



Cyan (51%)


Magenta (62%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4100, 0.2725, 0.2175 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 15.4100, 0.2725, 0.2175 by changing the saturation by 10% instead.


 15.4100, 0.2725,
0.2175


 15.4100, 0.2725,
0.2175


225.8346, 0.2970,
0.2783


 9.1076, 0.2645,
0.2008


 35.5709, 0.2827,
0.2408


 4.8115, 0.2530,
0.1787


 50.1981, 0.2861,
0.2491

 2.1371, 0.2353,
0.1483

 68.3692, 0.2888,
0.2561

 0.6854, 0.2061,
0.1035

 90.4684, 0.2911,
0.2620

 0.0000, 0.1060,
0.0000

116.8801, 0.2930,
0.2669

 0.0000, 0.0000,
0.0000

147.9888, 0.2945,

0.2713

184.1788, 0.2959,
0.2750

■ 15.4100, 0.2725,
0.2175

■ 15.4100, 0.2725,
0.2175

■ 12.1104, 0.2595,
0.1878

■ 19.3792, 0.2844,
0.2471

■ 9.4394, 0.2458,
0.1594

■ 24.0522, 0.2950,
0.2757

■ 7.3541, 0.2317,
0.1336

■ 29.4629, 0.3042,
0.3025

■ 5.8054, 0.2180,
0.1121

■ 35.6423, 0.3122,
0.3273

■ 4.7354, 0.2054,
0.0958

■ 42.6199, 0.3190,
0.3498

■ 4.0488, 0.1947,
0.0846

■ 50.4233, 0.3247,
0.3701

■ 59.0791, 0.3295,
0.3883

■ 68.6124, 0.3334,
0.4045

■ 79.0474, 0.3368,
0.4190

Harmonies

Analogous

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



15.4100, 0.2116, 0.2065



15.4100, 0.2725, 0.2175



15.4100, 0.3543, 0.2504

Triad

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



15.4100, 0.2725, 0.2175



15.4100, 0.4617, 0.4164



15.4100, 0.2023, 0.3456

Complementary

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



15.4100, 0.2725, 0.2175



31.5873, 0.3409, 0.4387

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.



15.4100, 0.2597, 0.4323



15.4100, 0.2725, 0.2175



15.4100, 0.4097, 0.4654

Square

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



15.4100, 0.2725, 0.2175



15.4100, 0.4727, 0.3573



15.4100, 0.3357, 0.4788



15.4100, 0.1754, 0.2676

Rectangle

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



15.4100, 0.2725, 0.2175



15.4100, 0.4088, 0.2819



15.4100, 0.3357, 0.4788



15.4100, 0.2183, 0.3757

Sweetspot

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



15.4106, 0.2725, 0.2175



51.9377, 0.3029, 0.2986



21.6789, 0.2497, 0.2757



11.3844, 0.3018, 0.2954



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



15.4106, 0.2725, 0.2175



22.4241, 0.2606, 0.1902



18.3148, 0.3131, 0.2299



7.0102, 0.3055, 0.3063



3.2152, 0.1956, 0.0851



0.0955, 0.2385, 0.1088

Inverse Universe

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



17.7136, 0.3577, 0.2726



27.3571, 0.3726, 0.2603



29.3514, 0.3098, 0.4500



7.1476, 0.3204, 0.3168



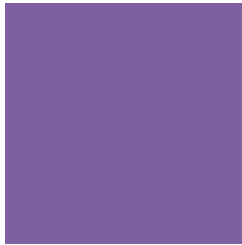
6.6204, 0.4731, 0.2380



0.1485, 0.4049, 0.2004

Previews

White Background



This preview shows how the Yxy color 15.4100, 0.2725, 0.2175 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 15.4100, 0.2725, 0.2175 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 15.4100, 0.2725, 0.2175

Background



This preview shows how black text looks on a background with the Yxy color 15.4100, 0.2725, 0.2175.



This preview shows how white text looks on a background with the Yxy color 15.4100, 0.2725, 0.2175.

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

15.4100, 0.2725, 0.2175

Protanopia

15.4724, 0.2261, 0.2115

Deuteranopia

15.5643, 0.2387, 0.2345



Tritanopia

15.3974, 0.3177, 0.3112

Trichromacy



Original Color

15.4100, 0.2725, 0.2175

Protanomaly

15.2944, 0.2412, 0.2134

Deuteranomaly

15.2635, 0.2490, 0.2266

Tritanomaly

15.2336, 0.3005, 0.2724

Monochromacy



Original Color

15.4100, 0.2725, 0.2175

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.7017, 0.2976, 0.2829

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4100, 0.2725, 0.2175 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(126, 96, 162)` looks like.

```
.text, #text, p{  
    color:rgb(126, 96, 162)  
}
```

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(126, 96, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 96, 162) }
```

Border

The CSS property to change the border of an element to Yxy 15.4100, 0.2725, 0.2175 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(126, 96, 162) }
```

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

```
.border{ border-color:rgb(126, 96, 162) }
```

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

Here you see how a box with a 4 pixel rgb(126, 96, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 96, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 96, 162);  
box-shadow:4px 4px 4px 4px rgb(126, 96,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4100, 0.2725, 0.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 96, 162) }
```

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

```
.background{ background-color: rgb(126, 96,  
162) }
```

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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