

Converting Colors

$Y_{xy}(15.2400, 0.3161, 0.2574)$

Have a look what the booklet for
Yxy(15.2400, 0.3161, 0.2574)
contains.

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Color

Yxy(15.1962, 0.3161, 0.2570)

Conversions

Conversions Part 1

Format	Color
Hex	885F88
RGB	136, 95, 136
RGB Percent	53%, 37%, 53%
CMY	0.4666, 0.6275, 0.4666
CMYK	0.00, 0.30, 0.00, 0.47
HSL	300°, 18%, 45%
HSV	300°, 30%, 53%
XYZ	18.6907, 15.1962, 25.2422
YIQ	111.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

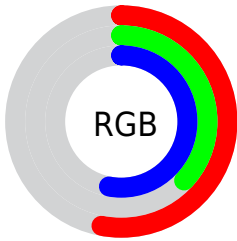
Format	Color
R _Y B	136, 95, 136
Decimal	8937352
CIE Lab	45.90, 23.94, -16.14
CIE LCh	46, 28.871, 326.021
Yxy	15.1962, 0.3161, 0.2570
Android (android.graphics.Color)	4287127432 (0xFF885F88)
YUV	111.9330, 11.8650, 21.1068
Hunter-Lab	38.9823, 17.3659, -11.1045

Details

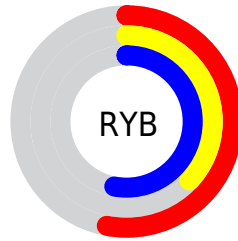
The Yxy color **15.1962, 0.3161, 0.2570** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.8700, 0.3088, 0.4133**, and the grayscale version is **16.1451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1790, 0.3163, 0.2734**, and **4.7171, 0.3151, 0.2293** is the 20% darker color. If you saturate the color by 10%, you get **12.9568, 0.3172, 0.2339**, and if you desaturate by 10%, it is **17.8648, 0.3150, 0.2810**.

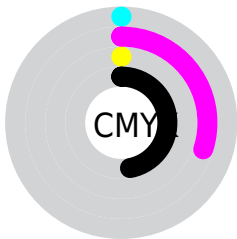
Distribution



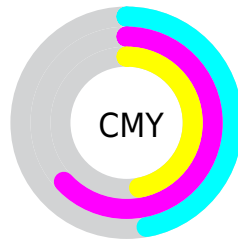
- Red (53%)
- Green (37%)
- Blue (53%)



- Red (53%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (47%)





- Cyan (47%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1962, 0.3161, 0.2570 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 15.1962, 0.3161, 0.2570 by changing the saturation by 10% instead.


 15.1962, 0.3161,
0.2570


 15.1962, 0.3161,
0.2570


224.5507, 0.3149,
0.2975


 8.9572, 0.3161,
0.2451


 35.1970, 0.3159,
0.2730


 4.7133, 0.3157,
0.2286


 49.7276, 0.3157,
0.2786

 2.0800, 0.3143,
0.2043

 67.7908, 0.3156,
0.2831

 0.6534, 0.3116,
0.1615

 89.7711, 0.3154,
0.2870

 0.0000, 0.1946,
0.0000

116.0529, 0.3153,
0.2902

 0.0000, 0.0000,
0.0000

147.0205, 0.3152,

0.2930

183.0583, 0.3150,
0.2954

■ 15.1962, 0.3161,
0.2570

■ 15.1962, 0.3161,
0.2570

■ 12.9568, 0.3172,
0.2339

■ 17.8648, 0.3150,
0.2810

■ 11.1223, 0.3182,
0.2125

■ 20.9811, 0.3138,
0.3051

■ 9.6692, 0.3191,
0.1937


■ 24.5652, 0.3127,
0.3286


■ 8.5706, 0.3198,
0.1782


■ 28.6353, 0.3117,
0.3512


■ 7.7961, 0.3204,
0.1666


■ 33.2084, 0.3107,
0.3725


 7.3105, 0.3207,
0.1590

 38.3010, 0.3097,
0.3923

 7.0125, 0.3209,
0.1542

 43.9288, 0.3089,
0.4105

 50.1066, 0.3081,
0.4271

 56.8488, 0.3074,
0.4422

Harmonies

Analogous

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



15.1962, 0.2611, 0.2390



15.1962, 0.3161, 0.2570



15.1962, 0.3753, 0.2904

Triad

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



15.1962, 0.3161, 0.2570



15.1962, 0.4057, 0.4174



15.1962, 0.2169, 0.3102

Complementary

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



15.1962, 0.3161, 0.2570



20.8700, 0.3088, 0.4133

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.



15.1962, 0.2496, 0.3699



15.1962, 0.3161, 0.2570



15.1962, 0.3581, 0.4360

Square

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



15.1962, 0.3161, 0.2570



15.1962, 0.4291, 0.3785



15.1962, 0.3009, 0.4197



15.1962, 0.2082, 0.2641

Rectangle

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



15.1962, 0.3161, 0.2570



15.1962, 0.4071, 0.3183



15.1962, 0.3009, 0.4197



15.1962, 0.2253, 0.3295

Sweetspot

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



15.1969, 0.3161, 0.2570



37.5382, 0.3137, 0.3074



12.3948, 0.2618, 0.2448



8.5163, 0.3139, 0.3043



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



15.1969, 0.3161, 0.2570



24.0796, 0.3168, 0.2415



14.6686, 0.3452, 0.2915



5.1290, 0.3137, 0.3074



6.6361, 0.3209, 0.1542



0.0441, 0.3209, 0.1542

Inverse Universe

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



15.1969, 0.3161, 0.2570



24.0796, 0.3168, 0.2415



21.2932, 0.2893, 0.3700



5.1290, 0.3137, 0.3074



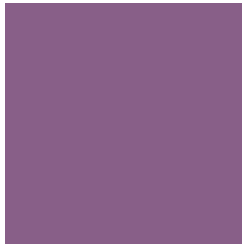
6.6361, 0.3209, 0.1542



0.0441, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 15.1962, 0.3161, 0.2570 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 15.1962, 0.3161, 0.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

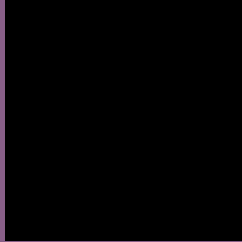
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1962, 0.3161, 0.2570

Background



This preview shows how black text looks on a background with the Yxy color 15.1962, 0.3161, 0.2570.



This preview shows how white text looks on a background with the Yxy color 15.1962, 0.3161, 0.2570.

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

15.1962, 0.3161, 0.2570

Protanopia

15.4221, 0.2604, 0.2571

Deuteranopia

15.3624, 0.2806, 0.2759



Tritanopia

15.1026, 0.3488, 0.3140

Trichromacy



Original Color

15.1962, 0.3161, 0.2570

Protanomaly

15.0982, 0.2775, 0.2552

Deuteranomaly

15.3013, 0.2929, 0.2685

Tritanomaly

15.0299, 0.3363, 0.2920

Monochromacy



Original Color

15.1962, 0.3161, 0.2570

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.7535, 0.3141, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1962, 0.3161, 0.2570 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(136, 95, 136)` looks like.

```
.text, #text, p{  
  color:rgb(136, 95, 136)  
}
```

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(136, 95, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 95, 136) }
```

Border

The CSS property to change the border of an element to Yxy 15.1962, 0.3161, 0.2570 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(136, 95, 136) }
```

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

```
.border{ border-color:rgb(136, 95, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 95, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 95, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 95, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 95,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1962, 0.3161, 0.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 95, 136) }
```

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

```
.background{ background-color: rgb(136, 95,  
136) }
```

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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