

Converting Colors

$Yxy(16.4691, 0.3125, 0.2563)$

Have a look what the booklet for
Yxy(16.4691, 0.3125, 0.2563)
contains.

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Color

Yxy(16.3656, 0.3121, 0.2555)

Conversions

Conversions Part 1

Format	Color
Hex	8B638E
RGB	139, 99, 142
RGB Percent	55%, 39%, 56%
CMY	0.4549, 0.6117, 0.4431
CMYK	0.02, 0.30, 0.00, 0.44
HSL	296°, 18%, 47%
HSV	296°, 30%, 56%
XYZ	19.9910, 16.3656, 27.6966
YIQ	115.8620, 10.0370, 21.8530

Conversions

Conversions Part 2

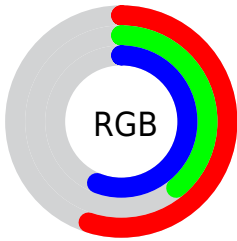
Format	Color
R_{YB}	139, 99, 142
Decimal	9134990
CIE _{Lab}	47.45, 23.86, -17.32
CIE _{LCh}	47, 29.484, 324.013
Yxy	16.3656, 0.3121, 0.2555
Android (android.graphics.Color)	4287325070 (0xFF8B638E)
YUV	115.8620, 12.8860, 20.2920
Hunter-Lab	40.4544, 17.4126, -12.2741

Details

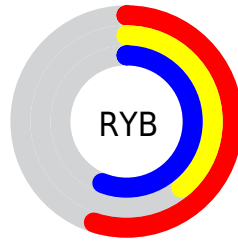
The Yxy color **16.3656, 0.3121, 0.2555** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.0728, 0.3118, 0.4133**, and the grayscale version is **17.3785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1357, 0.3126, 0.2708**, and **5.2151, 0.3090, 0.2257** is the 20% darker color. If you saturate the color by 10%, you get **13.8229, 0.3115, 0.2315**, and if you desaturate by 10%, it is **19.3836, 0.3125, 0.2801**.

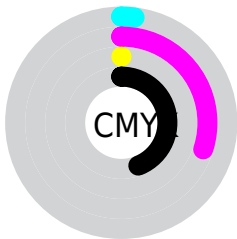
Distribution



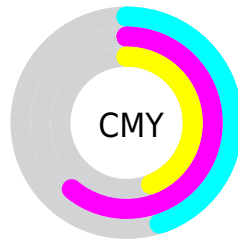
- Red (55%)
- Green (39%)
- Blue (56%)



- Red (55%)
- Yellow (39%)
- Blue (56%)



- Cyan (2%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)





- Cyan (45%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.3656, 0.3121, 0.2555 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 16.3656, 0.3121, 0.2555 by changing the saturation by 10% instead.

 16.3656, 0.3121,
0.2555


 16.3656, 0.3121,
0.2555


231.4895, 0.3133,
0.2964


 9.7832, 0.3113,
0.2437


 37.2317, 0.3128,
0.2715

 5.2555, 0.3099,
0.2276


 52.2843, 0.3130,
0.2771

 2.3979, 0.3071,
0.2041

 70.9291, 0.3131,
0.2817

 0.8248, 0.3008,
0.1673

 93.5504, 0.3132,
0.2856

 0.0000, 0.2579,
0.0000

120.5327, 0.3132,
0.2889

 0.0000, 0.0000,
0.0000

152.2604, 0.3133,

0.2918

189.1179, 0.3133,
0.2942

■ 16.3656, 0.3121,
0.2555

■ 16.3656, 0.3121,
0.2555

■ 13.8229, 0.3115,
0.2315

■ 19.3836, 0.3125,
0.2801

■ 11.7286, 0.3107,
0.2091

■ 22.8979, 0.3127,
0.3046

■ 10.0564, 0.3097,
0.1891


■ 26.9305, 0.3127,
0.3284


■ 8.7764, 0.3084,
0.1723


■ 31.5016, 0.3126,
0.3510


■ 7.8546, 0.3070,
0.1593

■ 36.6305, 0.3125,
0.3722

 7.2515, 0.3054,
0.1505

 42.3352, 0.3122,
0.3918

 6.8644, 0.3038,
0.1447

 48.6333, 0.3119,
0.4098

 55.5412, 0.3116,
0.4262

 63.0750, 0.3112,
0.4411

Harmonies

Analogous

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



16.3656, 0.2581, 0.2388



16.3656, 0.3121, 0.2555



16.3656, 0.3714, 0.2879

Triad

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



16.3656, 0.3121, 0.2555



16.3656, 0.4079, 0.4150



16.3656, 0.2187, 0.3140

Complementary

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



16.3656, 0.3121, 0.2555



23.0728, 0.3118, 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.



16.3656, 0.2528, 0.3737



16.3656, 0.3121, 0.2555



16.3656, 0.3617, 0.4353

Square

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



16.3656, 0.3121, 0.2555



16.3656, 0.4291, 0.3755



16.3656, 0.3047, 0.4216



16.3656, 0.2083, 0.2667

Rectangle

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



16.3656, 0.3121, 0.2555



16.3656, 0.4041, 0.3154



16.3656, 0.3047, 0.4216



16.3656, 0.2276, 0.3335

Sweetspot

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



16.3663, 0.3121, 0.2555



41.1085, 0.3127, 0.3072



14.2249, 0.2621, 0.2512



8.9879, 0.3127, 0.3041



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



16.3663, 0.3121, 0.2555



25.8654, 0.3117, 0.2399



16.1331, 0.3404, 0.2851



5.4921, 0.3127, 0.3072



6.1663, 0.3039, 0.1448



0.0627, 0.3129, 0.1498

Inverse Universe

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



15.6352, 0.3731, 0.3238



24.3896, 0.3917, 0.3226



23.2818, 0.2924, 0.3776



5.4298, 0.3271, 0.3275



5.1841, 0.6295, 0.3241



0.0505, 0.5835, 0.2988

Previews

White Background



This preview shows how the Yxy color 16.3656, 0.3121, 0.2555 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 16.3656, 0.3121, 0.2555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

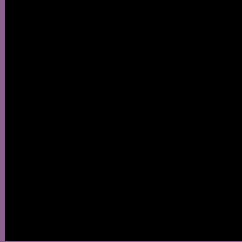
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.3656, 0.3121, 0.2555

Background



This preview shows how black text looks on a background with the Yxy color 16.3656, 0.3121, 0.2555.



This preview shows how white text looks on a background with the Yxy color 16.3656, 0.3121, 0.2555.

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

16.3656, 0.3121, 0.2555

Protanopia

16.4280, 0.2587, 0.2537

Deuteranopia

16.5773, 0.2783, 0.2738



Tritanopia

16.4463, 0.3445, 0.3144

Trichromacy



Original Color

16.3656, 0.3121, 0.2555

Protanomaly

16.2983, 0.2753, 0.2539

Deuteranomaly

16.5034, 0.2900, 0.2666

Tritanomaly

16.3900, 0.3312, 0.2912

Monochromacy



Original Color

16.3656, 0.3121, 0.2555

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.9176, 0.3127, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3656, 0.3121, 0.2555 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(139, 99, 142)` looks like.

```
.text, #text, p{  
    color:rgb(139, 99, 142)  
}
```

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(139, 99, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 99, 142) }
```

Border

The CSS property to change the border of an element to Yxy 16.3656, 0.3121, 0.2555 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(139, 99, 142) }
```

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

```
.border{ border-color:rgb(139, 99, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 99, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 99, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 99, 142);  
box-shadow:4px 4px 4px 4px rgb(139, 99,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3656, 0.3121, 0.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 99, 142) }
```

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

```
.background{ background-color: rgb(139, 99,  
142) }
```

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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