

Converting Colors

$Y_{xy}(15.6595, 0.3006, 0.2480)$

Have a look what the booklet for
Yxy(15.6595, 0.3006, 0.2480)
contains.

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Color

Yxy(15.6545, 0.3004, 0.2486)

Conversions

Conversions Part 1

Format	Color
Hex	846290
RGB	132, 98, 144
RGB Percent	52%, 38%, 56%
CMY	0.4823, 0.6157, 0.4354
CMYK	0.08, 0.32, 0.00, 0.44
HSL	284°, 19%, 47%
HSV	284°, 32%, 56%
XYZ	18.9164, 15.6545, 28.3998
YIQ	113.4100, 5.4980, 21.5140

Conversions

Conversions Part 2

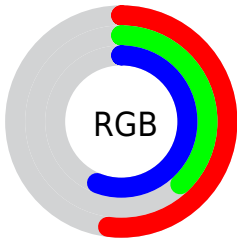
Format	Color
RYB	132, 98, 144
Decimal	8675984
CIELab	46.52, 22.45, -20.00
CIElCh	47, 30.064, 318.309
Yxy	15.6545, 0.3004, 0.2486
Android (android.graphics.Color)	4286866064 (0xFF846290)
YUV	113.4100, 15.0809, 16.3034
Hunter-Lab	39.5658, 16.1007, -14.8615

Details

The Yxy color $15.6545, 0.3004, 0.2486$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.1341, 0.3209, 0.4163$, and the grayscale version is $16.5951, 0.3127, 0.3290$.

A 20% lighter version of the original color is $36.0112, 0.3042, 0.2659$, and $4.9518, 0.2944, 0.2196$ is the 20% darker color. If you saturate the color by 10%, you get $12.9019, 0.2952, 0.2225$, and if you desaturate by 10%, it is $18.9039, 0.3050, 0.2747$.

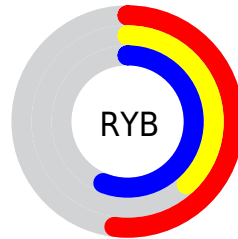
Distribution



Red (52%)

Green (38%)

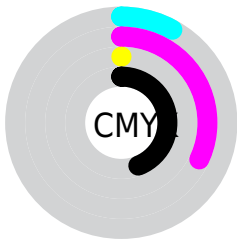
Blue (56%)



Red (52%)

Yellow (38%)

Blue (56%)

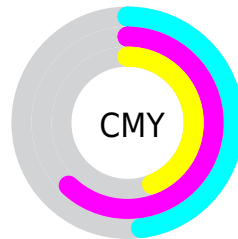


Cyan (8%)

Magenta (32%)

Yellow (0%)

Black (44%)



Cyan (48%)


Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6545, 0.3004, 0.2486 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 15.6545, 0.3004, 0.2486 by changing the saturation by 10% instead.


 15.6545, 0.3004,
0.2486


 15.6545, 0.3004,
0.2486


227.2943, 0.3085,
0.2934


 9.2800, 0.2975,
0.2357


 35.9974, 0.3039,
0.2661


 4.9243, 0.2929,
0.2179


 50.7345, 0.3051,
0.2723

 2.2029, 0.2853,
0.1922

 69.0280, 0.3060,
0.2774

 0.7216, 0.2710,
0.1507

 91.2622, 0.3067,
0.2817

 0.0000, 0.1566,
0.0000

117.8215, 0.3072,
0.2853

 0.0000, 0.0000,
0.0000

149.0904, 0.3077,

0.2884

185.4532, 0.3081,
0.2911

■ 15.6545, 0.3004,
0.2486

■ 15.6545, 0.3004,
0.2486

■ 12.9019, 0.2952,
0.2225

■ 18.9039, 0.3050,
0.2747

■ 10.6181, 0.2893,
0.1974

■ 22.6724, 0.3089,
0.3002

■ 8.7751, 0.2829,
0.1743


■ 26.9830, 0.3122,
0.3245


■ 7.3413, 0.2762,
0.1543


■ 31.8571, 0.3148,
0.3472


■ 6.2806, 0.2693,
0.1381

■ 37.3147, 0.3170,
0.3683


 5.5506, 0.2625,
0.1264

 43.3750, 0.3188,
0.3876

 5.1070, 0.2571,
0.1190

 50.0560, 0.3201,
0.4051

 57.3752, 0.3212,
0.4210

 65.3493, 0.3220,
0.4353

Harmonies

Analogous

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



15.6545, 0.2476, 0.2349



15.6545, 0.3004, 0.2486



15.6545, 0.3622, 0.2792

Triad

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



15.6545, 0.3004, 0.2486



15.6545, 0.4175, 0.4108



15.6545, 0.2205, 0.3247

Complementary

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



15.6545, 0.3004, 0.2486



24.1341, 0.3209, 0.4163

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.



15.6545, 0.2597, 0.3867



15.6545, 0.3004, 0.2486



15.6545, 0.3735, 0.4373

Square

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



15.6545, 0.3004, 0.2486



15.6545, 0.4334, 0.3679



15.6545, 0.3155, 0.4309



15.6545, 0.2052, 0.2721

Rectangle

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



15.6545, 0.3004, 0.2486



15.6545, 0.3987, 0.3064



15.6545, 0.3155, 0.4309



15.6545, 0.2311, 0.3454

Sweetspot

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



15.6552, 0.3004, 0.2486



41.2459, 0.3095, 0.3045



15.8186, 0.2608, 0.2632



9.2499, 0.3090, 0.3014



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



15.6552, 0.3004, 0.2486



24.2029, 0.2969, 0.2307



16.3637, 0.3305, 0.2689



5.4414, 0.3098, 0.3070



4.4606, 0.2574, 0.1192



0.0533, 0.2890, 0.1366

Inverse Universe

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



15.7886, 0.3643, 0.3079



24.5303, 0.3802, 0.3032



23.6341, 0.2988, 0.3978



5.4457, 0.3243, 0.3233



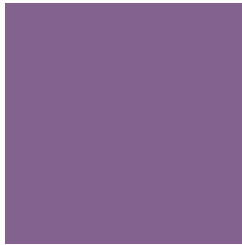
5.2858, 0.5835, 0.2988



0.0537, 0.4798, 0.2417

Previews

White Background



This preview shows how the Yxy color 15.6545, 0.3004, 0.2486 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 15.6545, 0.3004, 0.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

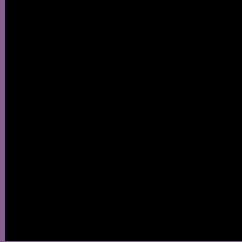
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6545, 0.3004, 0.2486

Background



This preview shows how black text looks on a background with the Yxy color 15.6545, 0.3004, 0.2486.



This preview shows how white text looks on a background with the Yxy color 15.6545, 0.3004, 0.2486.

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

15.6545, 0.3004, 0.2486

Protanopia

15.8009, 0.2532, 0.2474

Deuteranopia

15.6814, 0.2700, 0.2635



Tritanopia

15.5825, 0.3348, 0.3137

Trichromacy



Original Color

15.6545, 0.3004, 0.2486

Protanomaly

15.5881, 0.2682, 0.2472

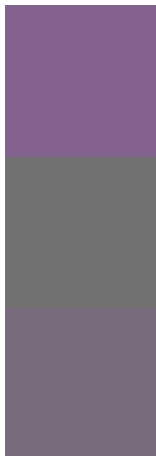
Deuteranomaly

15.5286, 0.2802, 0.2563

Tritanomaly

15.6251, 0.3216, 0.2881

Monochromacy



Original Color

15.6545, 0.3004, 0.2486

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.1734, 0.3088, 0.2983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6545, 0.3004, 0.2486 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(132, 98, 144)` looks like.

```
.text, #text, p{  
    color:rgb(132, 98, 144)  
}
```

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(132, 98, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 98, 144) }
```

Border

The CSS property to change the border of an element to Yxy 15.6545, 0.3004, 0.2486 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(132, 98, 144) }
```

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

```
.border{ border-color:rgb(132, 98, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 98, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 98, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 98, 144);  
box-shadow:4px 4px 4px 4px rgb(132, 98,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6545, 0.3004, 0.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 98, 144) }
```

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

```
.background{ background-color: rgb(132, 98,  
144) }
```

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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