

Converting Colors

$Y_{xy}(19.6662, 0.3231, 0.2730)$

Have a look what the booklet for
Yxy(19.6662, 0.3231, 0.2730)
contains.

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Color

Yxy(19.6495, 0.3230, 0.2737)

Conversions

Conversions Part 1

Format	Color
Hex	966E90
RGB	150, 110, 144
RGB Percent	59%, 43%, 56%
CMY	0.4117, 0.5686, 0.4353
CMYK	0.00, 0.27, 0.04, 0.41
HSL	309°, 16%, 51%
HSV	309°, 27%, 59%
XYZ	23.1889, 19.6495, 28.9538
YIQ	125.8360, 12.9260, 19.0540

Conversions

Conversions Part 2

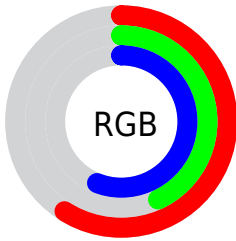
Format	Color
R _Y B	150, 110, 144
Decimal	9858704
CIE Lab	51.44, 21.74, -12.34
CIE LCh	51, 25.001, 330.430
Yxy	19.6495, 0.3230, 0.2737
Android (android.graphics.Color)	4288048784 (0xFF966E90)
YUV	125.8360, 8.9549, 21.1918
Hunter-Lab	44.3278, 15.8038, -7.6973

Details

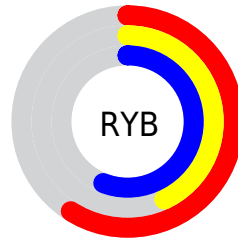
The Yxy color **19.6495, 0.3230, 0.2737** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.3929, 0.3039, 0.3914**, and the grayscale version is **20.7718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8970, 0.3212, 0.2853**, and **6.9060, 0.3262, 0.2534** is the 20% darker color. If you saturate the color by 10%, you get **16.6144, 0.3277, 0.2528**, and if you desaturate by 10%, it is **23.2357, 0.3187, 0.2948**.

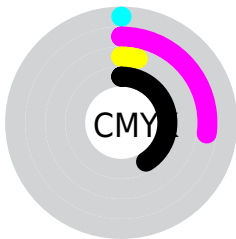
Distribution



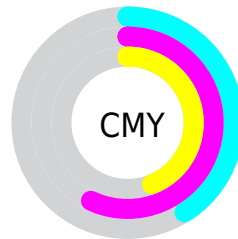
- Red (59%)
- Green (43%)
- Blue (56%)



- Red (59%)
- Yellow (43%)
- Blue (56%)



- Cyan (0%)
- Magenta (27%)
- Yellow (4%)
- Black (41%)




- Cyan (41%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6495, 0.3230, 0.2737 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 19.6495, 0.3230, 0.2737 by changing the saturation by 10% instead.


 19.6495, 0.3230,
0.2737


 19.6495, 0.3230,
0.2737


250.0113, 0.3177,
0.3040


 12.1405, 0.3244,
0.2651


 42.8288, 0.3210,
0.2854


 6.8395, 0.3261,
0.2534


 59.2678, 0.3203,
0.2896

 3.3619, 0.3284,
0.2365

 79.4524, 0.3197,
0.2931

 1.3235, 0.3314,
0.2101

 103.7668, 0.3192,
0.2960

 0.1593, 0.3630,
0.0847

132.5955, 0.3187,
0.2985

 0.0000, 0.0000,
0.0000

166.3229, 0.3183,

0.3006

205.3334, 0.3180,
0.3024

■ 19.6495, 0.3230,
0.2737

■ 19.6495, 0.3230,
0.2737

■ 16.6144, 0.3277,
0.2528

■ 23.2357, 0.3187,
0.2948

■ 14.1003, 0.3329,
0.2330

■ 27.3961, 0.3150,
0.3156

■ 12.0779, 0.3383,
0.2151

■ 32.1556, 0.3117,
0.3355

■ 10.5144, 0.3440,
0.1999

■ 37.5368, 0.3088,
0.3544

■ 9.3724, 0.3497,
0.1884

■ 43.5612, 0.3064,
0.3721

■ 8.6093, 0.3552,
0.1811

■ 50.2494, 0.3043,
0.3884

■ 8.1574, 0.3605,
0.1777

■ 57.6207, 0.3025,
0.4034

■ 8.0293, 0.3622,
0.1769

■ 65.6941, 0.3010,
0.4172

■ 74.4875, 0.2998,
0.4297

Harmonies

Analogous

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



19.6495, 0.2774, 0.2568



19.6495, 0.3230, 0.2737



19.6495, 0.3688, 0.3029

Triad

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



19.6495, 0.3230, 0.2737



19.6495, 0.3832, 0.4040



19.6495, 0.2329, 0.3087

Complementary

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



19.6495, 0.3230, 0.2737



26.3929, 0.3039, 0.3914

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.



19.6495, 0.2574, 0.3546



19.6495, 0.3230, 0.2737



19.6495, 0.3436, 0.4132

Square

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



19.6495, 0.3230, 0.2737



19.6495, 0.4045, 0.3757



19.6495, 0.2975, 0.3952



19.6495, 0.2283, 0.2736

Rectangle

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



19.6495, 0.3230, 0.2737



19.6495, 0.3918, 0.3267



19.6495, 0.2975, 0.3952



19.6495, 0.2389, 0.3235

Sweetspot

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



19.6504, 0.3230, 0.2737



47.1838, 0.3155, 0.3125



17.0672, 0.2748, 0.2565



10.2206, 0.3160, 0.3097



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



19.6504, 0.3230, 0.2737



31.3675, 0.3258, 0.2612



19.0922, 0.3487, 0.3055



5.8944, 0.3159, 0.3104



6.6619, 0.3619, 0.1767



0.0848, 0.3395, 0.1644

Inverse Universe

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



19.6504, 0.3230, 0.2737



31.3675, 0.3258, 0.2612



26.9094, 0.2865, 0.3539



5.8944, 0.3159, 0.3104



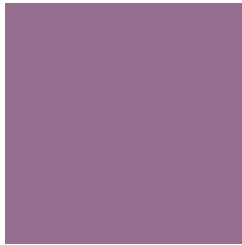
6.6619, 0.3619, 0.1767



0.0848, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 19.6495, 0.3230, 0.2737 looks on a white background.

Color Contrast Check

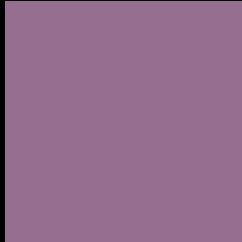
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 19.6495, 0.3230, 0.2737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

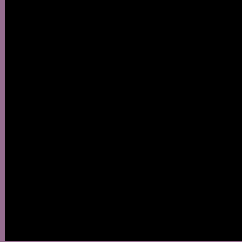
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6495, 0.3230, 0.2737

Background



This preview shows how black text looks on a background with the Yxy color 19.6495, 0.3230, 0.2737.



This preview shows how white text looks on a background with the Yxy color 19.6495, 0.3230, 0.2737.

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

19.6495, 0.3230, 0.2737

Protanopia

19.8991, 0.2745, 0.2755

Deuteranopia

19.8216, 0.2955, 0.2899



Tritanopia

19.6677, 0.3450, 0.3137

Trichromacy



Original Color

19.6495, 0.3230, 0.2737

Protanomaly

19.7160, 0.2903, 0.2751

Deuteranomaly

19.6248, 0.3051, 0.2825

Tritanomaly

19.7448, 0.3362, 0.2988

Monochromacy



Original Color

19.6495, 0.3230, 0.2737

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.2773, 0.3162, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6495, 0.3230, 0.2737 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(150, 110, 144)` looks like.

```
.text, #text, p{  
    color:rgb(150, 110, 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(150, 110, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 110, 144) }
```

Border

The CSS property to change the border of an element to Yxy 19.6495, 0.3230, 0.2737 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(150, 110, 144) }
```

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

```
.border{ border-color:rgb(150, 110, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 110, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 110, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 110, 144);  
box-shadow:4px 4px 4px 4px rgb(150, 110,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6495, 0.3230, 0.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 110, 144) }
```

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

```
.background{ background-color: rgb(150,  
110, 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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