

Converting Colors

$Y_{xy}(19.7325, 0.3806, 0.3208)$

Have a look what the booklet for
Yxy(19.7325, 0.3806, 0.3208)
contains.

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Color

Yxy(19.6214, 0.3795, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	A26C72
RGB	162, 108, 114
RGB Percent	64%, 42%, 45%
CMY	0.3647, 0.5764, 0.5530
CMYK	0.00, 0.33, 0.30, 0.36
HSL	353°, 22%, 53%
HSV	353°, 33%, 64%
XYZ	23.2989, 19.6214, 18.4733
YIQ	124.8300, 30.2580, 13.3140

Conversions

Conversions Part 2

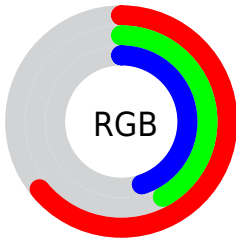
Format	Color
R_{YB}	162, 108, 114
Decimal	10644594
CIE _{Lab}	51.41, 22.38, 5.50
CIE _{LCh}	51, 23.042, 13.805
Yxy	19.6214, 0.3795, 0.3196
Android (android.graphics.Color)	4288834674 (0xFFA26C72)
YUV	124.8300, -5.3392, 32.5981
Hunter-Lab	44.2960, 16.3695, 6.2808

Details

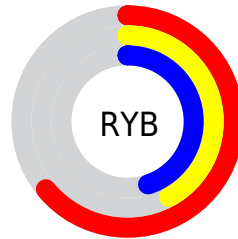
The Yxy color **19.6214, 0.3795, 0.3196** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.4295, 0.2707, 0.3389**, and the grayscale version is **20.4590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8002, 0.3638, 0.3219**, and **6.8763, 0.4086, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **16.2140, 0.4102, 0.3168**, and if you desaturate by 10%, it is **23.7172, 0.3543, 0.3225**.

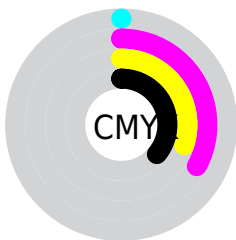
Distribution



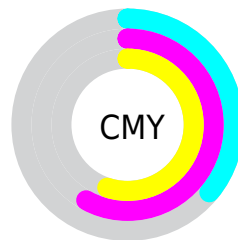
- Red (64%)
- Green (42%)
- Blue (45%)



- Red (64%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (36%)




- Cyan (36%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6214, 0.3795, 0.3196 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 19.6214, 0.3795, 0.3196 by changing the saturation by 10% instead.

 19.6214, 0.3795,
0.3196


 19.6214, 0.3795,
0.3196


249.8581, 0.3411,
0.3256


 12.1201, 0.3913,
0.3175


 42.7815, 0.3641,
0.3222


 6.8256, 0.4080,
0.3143


 59.2092, 0.3587,
0.3230

 3.3532, 0.4336,
0.3089

 79.3811, 0.3544,
0.3237

 1.3188, 0.4773,
0.2985

 103.6816, 0.3508,
0.3242

 0.1557, 0.8168,
0.1832

132.4952, 0.3478,
0.3246

 0.0000, 0.0000,
0.0000

166.2062, 0.3452,

0.3250

205.1990, 0.3430,
0.3253

■ 19.6214, 0.3795,
0.3196

■ 19.6214, 0.3795,
0.3196

■ 16.2140, 0.4102,
0.3168

■ 23.7172, 0.3543,
0.3225

■ 13.4547, 0.4466,
0.3145

■ 28.5335, 0.3339,
0.3254

■ 11.3031, 0.4880,
0.3132


■ 34.1035, 0.3175,
0.3281

■ 9.7131, 0.5321,
0.3133


■ 40.4577, 0.3042,
0.3307

■ 8.6322, 0.5741,
0.3154

■ 47.6250, 0.2934,
0.3330


 7.9978, 0.6081,
0.3195

 55.6324, 0.2846,
0.3351

 7.7246, 0.6253,
0.3218

 64.5062, 0.2774,
0.3369

 74.2713, 0.2715,
0.3387

 84.9514, 0.2665,
0.3402

Harmonies

Analogous

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



19.6214, 0.3419, 0.2887



19.6214, 0.3795, 0.3196



19.6214, 0.3980, 0.3543

Triad

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



19.6214, 0.3795, 0.3196



19.6214, 0.3226, 0.4020



19.6214, 0.2386, 0.2684

Complementary

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



19.6214, 0.3795, 0.3196



31.4295, 0.2707, 0.3389

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.



19.6214, 0.2344, 0.2943



19.6214, 0.3795, 0.3196



19.6214, 0.2810, 0.3749

Square

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



19.6214, 0.3795, 0.3196



19.6214, 0.3633, 0.4047



19.6214, 0.2493, 0.3335



19.6214, 0.2610, 0.2596

Rectangle

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



19.6214, 0.3795, 0.3196



19.6214, 0.3964, 0.3761



19.6214, 0.2493, 0.3335



19.6214, 0.2351, 0.2752

Sweetspot

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



19.6223, 0.3795, 0.3196



54.8250, 0.3284, 0.3263



20.3732, 0.3089, 0.2464



12.0201, 0.3307, 0.3259



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.



19.6223, 0.3795, 0.3196



30.9090, 0.4017, 0.3175



24.3866, 0.3773, 0.3620



7.0981, 0.3268, 0.3265



6.0893, 0.6239, 0.3210



0.1315, 0.5628, 0.2874

Inverse Universe

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



19.6223, 0.3795, 0.3196



30.9090, 0.4017, 0.3175



24.9359, 0.2620, 0.2933



7.0981, 0.3268, 0.3265



6.0893, 0.6239, 0.3210



0.1315, 0.5628, 0.2874

Previews

White Background



This preview shows how the Yxy color 19.6214, 0.3795, 0.3196 looks on a white background.

Color Contrast Check

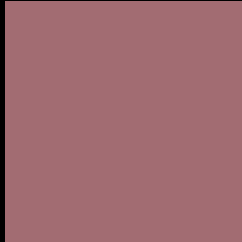
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6214, 0.3795, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

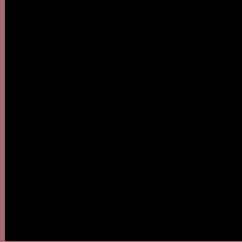
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6214, 0.3795, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 19.6214, 0.3795, 0.3196.



This preview shows how white text looks on a background with the Yxy color 19.6214, 0.3795, 0.3196.

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

19.6214, 0.3795, 0.3196

Protanopia

19.6842, 0.3164, 0.3290

Deuteranopia

19.6157, 0.3473, 0.3398



Tritanopia

19.6675, 0.3766, 0.3164

Trichromacy



Original Color

19.6214, 0.3795, 0.3196

Protanomaly

19.4578, 0.3375, 0.3255

Deuteranomaly

19.4299, 0.3581, 0.3309

Tritanomaly

19.6443, 0.3781, 0.3180

Monochromacy



Original Color

19.6214, 0.3795, 0.3196

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9774, 0.3345, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6214, 0.3795, 0.3196 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(162, 108, 114)` looks like.

```
.text, #text, p{  
    color:rgb(162, 108, 114)  
}
```

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(162, 108, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 108, 114) }
```

Border

The CSS property to change the border of an element to Yxy 19.6214, 0.3795, 0.3196 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(162, 108, 114) }
```

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

```
.border{ border-color:rgb(162, 108, 114) }
```

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

Here you see how a box with a 4 pixel rgb(162, 108, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 108, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 108, 114);  
box-shadow:4px 4px 4px 4px rgb(162, 108,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6214, 0.3795, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 108, 114) }
```

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

```
.background{ background-color: rgb(162,  
108, 114) }
```

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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