

Converting Colors

$Yxy(22.1904, 0.3995, 0.3163)$

Have a look what the booklet for
Yxy(22.1904, 0.3995, 0.3163)
contains.

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Color

Yxy(22.1904, 0.3995, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	B66D76
RGB	182, 109, 118
RGB Percent	71%, 43%, 46%
CMY	0.2863, 0.5725, 0.5373
CMYK	0.00, 0.40, 0.35, 0.29
HSL	353°, 33%, 57%
HSV	353°, 40%, 71%
XYZ	28.0274, 22.1904, 19.9384
YIQ	131.8530, 40.6190, 18.2750

Conversions

Conversions Part 2

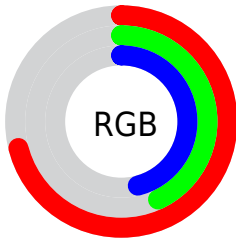
Format	Color
R_{YB}	182, 109, 118
Decimal	11955574
CIE _{Lab}	54.23, 30.09, 7.51
CIE _{LCh}	54, 31.016, 14.015
Yxy	22.1904, 0.3995, 0.3163
Android (android.graphics.Color)	4290145654 (0xFFB66D76)
YUV	131.8530, -6.8295, 43.9789
Hunter-Lab	47.1067, 23.7667, 7.8796

Details

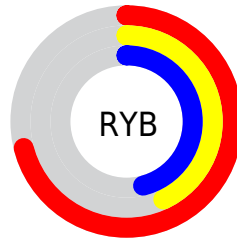
The Yxy color **22.1904, 0.3995, 0.3163** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **39.7224, 0.2638, 0.3427**, and the grayscale version is **23.0332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2682, 0.3802, 0.3203**, and **8.1859, 0.4341, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **18.3540, 0.4341, 0.3135**, and if you desaturate by 10%, it is **26.8971, 0.3707, 0.3195**.

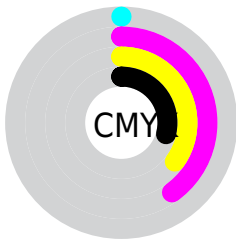
Distribution



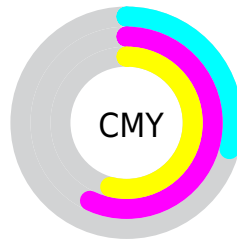
- Red (71%)
- Green (43%)
- Blue (46%)



- Red (71%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (29%)





- Cyan (29%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.1904, 0.3995, 0.3163 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 22.1904, 0.3995, 0.3163 by changing the saturation by 10% instead.


 22.1904, 0.3995,
0.3163


 22.1904, 0.3995,
0.3163


263.5390, 0.3504,
0.3244


 13.9969, 0.4140,
0.3135


 47.0605, 0.3801,
0.3198


 8.1185, 0.4343,
0.3092


 64.5058, 0.3733,
0.3209

 4.1709, 0.4644,
0.3023

 85.8039, 0.3677,
0.3218

 1.7696, 0.5130,
0.2894

 111.3391, 0.3631,
0.3225

 0.4681, 0.7238,
0.2762

141.4958, 0.3592,
0.3231

 0.0000, 1.0000,
0.0000

176.6584, 0.3559,

 0.0000, 0.0000,

0.3236

0.0000

217.2114, 0.3530,
0.3240

■ 22.1904, 0.3995,
0.3163

■ 22.1904, 0.3995,
0.3163

■ 18.3540, 0.4341,
0.3135

■ 26.8971, 0.3707,
0.3195

■ 15.3313, 0.4741,
0.3116

■ 32.5196, 0.3472,
0.3228

■ 13.0645, 0.5177,
0.3112


■ 39.1039, 0.3282,
0.3260

■ 11.4864, 0.5609,
0.3128

■ 46.6922, 0.3129,
0.3290

■ 10.5181, 0.5980,
0.3167

■ 55.3242, 0.3005,
0.3317

 10.0033, 0.6245,
0.3214

 65.0372, 0.2905,
0.3342

 75.8668, 0.2823,
0.3365

 87.8471, 0.2756,
0.3386

 88.6840, 0.2711,
0.3289

Harmonies

Analogous

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



22.1904, 0.3504, 0.2781



22.1904, 0.3995, 0.3163



22.1904, 0.4230, 0.3596

Triad

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



22.1904, 0.3995, 0.3163



22.1904, 0.3237, 0.4250



22.1904, 0.2192, 0.2513

Complementary

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



22.1904, 0.3995, 0.3163



39.7224, 0.2638, 0.3427

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.



22.1904, 0.2137, 0.2829



22.1904, 0.3995, 0.3163



22.1904, 0.2709, 0.3890

Square

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



22.1904, 0.3995, 0.3163



22.1904, 0.3761, 0.4267



22.1904, 0.2315, 0.3335



22.1904, 0.2470, 0.2414

Rectangle

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



22.1904, 0.3995, 0.3163



22.1904, 0.4201, 0.3875



22.1904, 0.2315, 0.3335



22.1904, 0.2148, 0.2594

Sweetspot

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



22.1915, 0.3995, 0.3163



68.2432, 0.3318, 0.3253



23.1172, 0.3062, 0.2285



14.7196, 0.3342, 0.3249



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



22.1915, 0.3995, 0.3163



34.0901, 0.4293, 0.3138



28.5924, 0.3963, 0.3676



9.0297, 0.3269, 0.3262



7.0705, 0.6225, 0.3203



0.2551, 0.5697, 0.2912

Inverse Universe

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



22.1915, 0.3995, 0.3163



34.0901, 0.4293, 0.3138



30.1492, 0.2517, 0.2862



9.0297, 0.3269, 0.3262



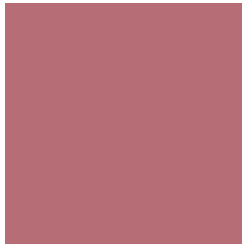
7.0705, 0.6225, 0.3203



0.2551, 0.5697, 0.2912

Previews

White Background



This preview shows how the Yxy color 22.1904, 0.3995, 0.3163 looks on a white background.

Color Contrast Check

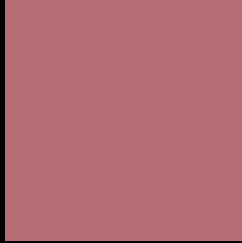
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1904, 0.3995, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

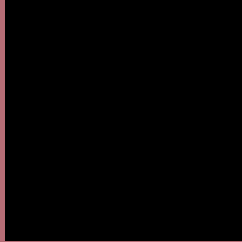
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1904, 0.3995, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 22.1904, 0.3995, 0.3163.



This preview shows how white text looks on a background with the Yxy color 22.1904, 0.3995, 0.3163.

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

22.1904, 0.3995, 0.3163

Protanopia

22.2720, 0.3174, 0.3290

Deuteranopia

22.2009, 0.3529, 0.3461



Tritanopia

22.1667, 0.4009, 0.3177

Trichromacy



Original Color

22.1904, 0.3995, 0.3163

Protanomaly

21.9790, 0.3454, 0.3241

Deuteranomaly

21.9282, 0.3693, 0.3340

Tritanomaly

22.1667, 0.4009, 0.3177

Monochromacy



Original Color

22.1904, 0.3995, 0.3163

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.4316, 0.3412, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1904, 0.3995, 0.3163 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(182, 109, 118)` looks like.

```
.text, #text, p{  
    color:rgb(182, 109, 118)  
}
```

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(182, 109, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 109, 118) }
```

Border

The CSS property to change the border of an element to Yxy 22.1904, 0.3995, 0.3163 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(182, 109, 118) }
```

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

```
.border{ border-color:rgb(182, 109, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 109, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 109, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 109, 118);  
box-shadow:4px 4px 4px 4px rgb(182, 109,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1904, 0.3995, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 109, 118) }
```

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

```
.background{ background-color: rgb(182,  
109, 118) }
```

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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