

Converting Colors

$Y_{xy}(22.9443, 0.4092, 0.3555)$

Have a look what the booklet for
Yxy(22.9443, 0.4092, 0.3555)
contains.

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Color

Yxy(22.9909, 0.4099, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	AF7664
RGB	175, 118, 100
RGB Percent	69%, 46%, 39%
CMY	0.3137, 0.5372, 0.6079
CMYK	0.00, 0.33, 0.43, 0.31
HSL	14°, 32%, 54%
HSV	14°, 43%, 69%
XYZ	26.4570, 22.9909, 15.0971
YIQ	132.9910, 39.7500, 6.4860

Conversions

Conversions Part 2

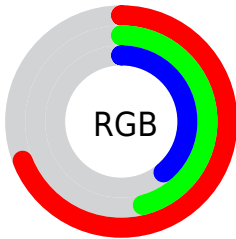
Format	Color
R_{YB}	175, 124, 100
Decimal	11499108
CIE Lab	55.06, 20.16, 19.01
CIE LCh	55, 27.706, 43.314
Yxy	22.9909, 0.4099, 0.3562
Android (android.graphics.Color)	4289689188 (0xFFAF7664)
YUV	132.9910, -16.2646, 36.8419
Hunter-Lab	47.9488, 14.5814, 14.8963

Details

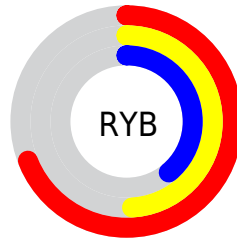
The Yxy color **22.9909, 0.4099, 0.3562** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.9110, 0.2505, 0.2992**, and the grayscale version is **23.5018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1396, 0.3882, 0.3510**, and **8.5064, 0.4479, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **19.7746, 0.4437, 0.3619**, and if you desaturate by 10%, it is **26.7237, 0.3805, 0.3498**.

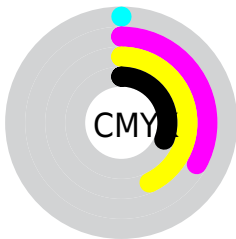
Distribution



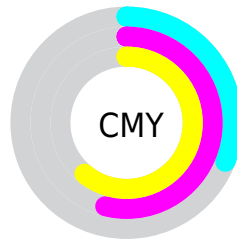
- Red (69%)
- Green (46%)
- Blue (39%)



- Red (69%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (31%)





- Cyan (31%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9909, 0.4099, 0.3562 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 22.9909, 0.4099, 0.3562 by changing the saturation by 10% instead.


 22.9909, 0.4099,
0.3562


 22.9909, 0.4099,
0.3562


267.6783, 0.3552,
0.3429


 14.5868, 0.4258,
0.3590


 48.3784, 0.3884,
0.3516

 8.5299, 0.4477,
0.3622

 66.1305, 0.3808,
0.3498

 4.4359, 0.4794,
0.3650

 87.7675, 0.3746,
0.3483

 1.9202, 0.5359,
0.3702

 113.6737, 0.3694,
0.3469

 0.5605, 0.6495,
0.3505

144.2334, 0.3651,
0.3457

 0.0000, 0.0000,
0.0000

179.8312, 0.3613,

0.3447

220.8513, 0.3580,
0.3438

■ 22.9909, 0.4099,
0.3562

■ 22.9909, 0.4099,
0.3562

■ 19.7746, 0.4437,
0.3619

■ 26.7237, 0.3805,
0.3498

■ 17.0484, 0.4812,
0.3661

■ 30.9912, 0.3556,
0.3432

■ 14.7884, 0.5206,
0.3677


■ 35.8148, 0.3347,
0.3367


■ 12.9675, 0.5584,
0.3658

■ 41.2138, 0.3172,
0.3307


■ 11.5552, 0.5904,
0.3599

■ 47.2065, 0.3026,
0.3250

 10.7720, 0.6091,
0.3545

 53.8104, 0.2904,
0.3199

 61.0423, 0.2801,
0.3152

 68.9182, 0.2714,
0.3109

 77.2924, 0.2653,
0.3097

Harmonies

Analogous

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



22.9909, 0.3884, 0.3173



22.9909, 0.4099, 0.3562



22.9909, 0.4025, 0.3922

Triad

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



22.9909, 0.4099, 0.3562



22.9909, 0.2770, 0.3825



22.9909, 0.2535, 0.2507

Complementary

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



22.9909, 0.4099, 0.3562



29.9110, 0.2505, 0.2992

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.



22.9909, 0.2288, 0.2605



22.9909, 0.4099, 0.3562



22.9909, 0.2412, 0.3346

Square

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



22.9909, 0.4099, 0.3562



22.9909, 0.3242, 0.4134



22.9909, 0.2244, 0.2896



22.9909, 0.2951, 0.2592

Rectangle

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



22.9909, 0.4099, 0.3562



22.9909, 0.3833, 0.4097



22.9909, 0.2244, 0.2896



22.9909, 0.2431, 0.2518

Sweetspot

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



22.9920, 0.4099, 0.3562



63.8142, 0.3354, 0.3369



20.6773, 0.3390, 0.2472



13.7482, 0.3396, 0.3383



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



22.9920, 0.4099, 0.3562



35.9424, 0.4402, 0.3614



33.4746, 0.3865, 0.4081



8.3161, 0.3281, 0.3345



7.7970, 0.6072, 0.3561



0.3012, 0.5496, 0.4018

Inverse Universe

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



29.9110, 0.2505, 0.2992



49.8511, 0.2394, 0.2918



19.2348, 0.2398, 0.2341



8.7411, 0.2986, 0.3234



14.3216, 0.2030, 0.2508



0.4763, 0.2103, 0.2771

Previews

White Background



This preview shows how the Yxy color 22.9909, 0.4099, 0.3562 looks on a white background.

Color Contrast Check

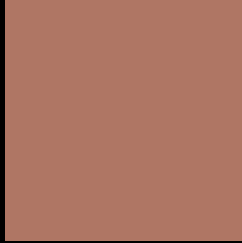
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9909, 0.4099, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

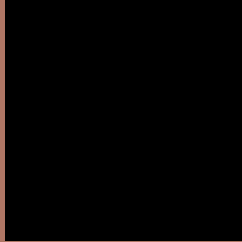
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9909, 0.4099, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 22.9909, 0.4099, 0.3562.



This preview shows how white text looks on a background with the Yxy color 22.9909, 0.4099, 0.3562.

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

22.9909, 0.4099, 0.3562

Protanopia

23.1186, 0.3509, 0.3744

Deuteranopia

23.1285, 0.3827, 0.3766



Tritanopia

23.0386, 0.3835, 0.3174

Trichromacy



Original Color

22.9909, 0.4099, 0.3562

Protanomaly

22.9505, 0.3717, 0.3673

Deuteranomaly

23.1027, 0.3922, 0.3688

Tritanomaly

22.9587, 0.3925, 0.3307

Monochromacy



Original Color

22.9909, 0.4099, 0.3562

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.1147, 0.3448, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9909, 0.4099, 0.3562 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(175, 118, 100)` looks like.

```
.text, #text, p{  
    color:rgb(175, 118, 100)  
}
```

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(175, 118, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 118, 100) }
```

Border

The CSS property to change the border of an element to Yxy 22.9909, 0.4099, 0.3562 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(175, 118, 100) }
```

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

```
.border{ border-color:rgb(175, 118, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 118, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 118, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 118, 100);  
box-shadow:4px 4px 4px 4px rgb(175, 118,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9909, 0.4099, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 118, 100) }
```

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

```
.background{ background-color: rgb(175,  
118, 100) }
```

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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