

Converting Colors

$Y_{xy}(22.8669, 0.3551, 0.3115)$

Have a look what the booklet for
Yxy(22.8669, 0.3551, 0.3115)
contains.

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Color

Yxy(22.9641, 0.3549, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	A47883
RGB	164, 120, 131
RGB Percent	64%, 47%, 51%
CMY	0.3567, 0.5295, 0.4862
CMYK	0.00, 0.27, 0.20, 0.36
HSL	345°, 19%, 56%
HSV	345°, 27%, 64%
XYZ	26.1300, 22.9641, 24.5323
YIQ	134.4100, 22.6930, 12.7490

Conversions

Conversions Part 2

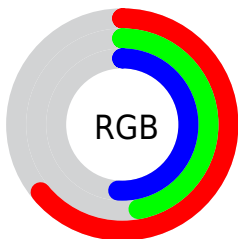
Format	Color
R_{YB}	164, 120, 131
Decimal	10778755
CIE _{Lab}	55.04, 18.93, 0.77
CIE _{LCh}	55, 18.944, 2.345
Yxy	22.9641, 0.3549, 0.3119
Android (android.graphics.Color)	4288968835 (0xFFA47883)
YUV	134.4100, -1.6811, 25.9504
Hunter-Lab	47.9209, 13.4700, 3.1920

Details

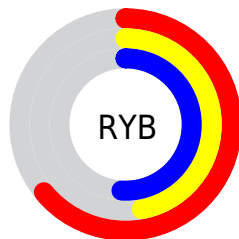
The Yxy color $22.9641, 0.3549, 0.3119$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $32.8582, 0.2827, 0.3469$, and the grayscale version is $24.0004, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.5635, 0.3458, 0.3162$, and $8.4952, 0.3703, 0.3044$ is the 20% darker color. If you saturate the color by 10%, you get $19.0383, 0.3774, 0.3052$, and if you desaturate by 10%, it is $27.6075, 0.3364, 0.3185$.

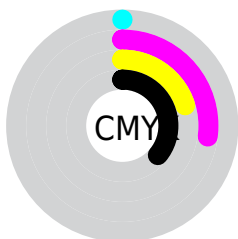
Distribution



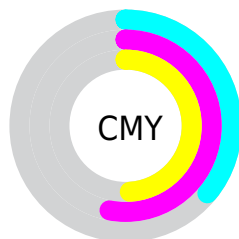
- Red (64%)
- Green (47%)
- Blue (51%)



- Red (64%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (36%)





- Cyan (36%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9641, 0.3549, 0.3119 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 22.9641, 0.3549, 0.3119 by changing the saturation by 10% instead.


 22.9641, 0.3549,
0.3119


 22.9641, 0.3549,
0.3119


267.5406, 0.3313,
0.3215


 14.5670, 0.3618,
0.3091


 48.3344, 0.3456,
0.3157

 8.5161, 0.3714,
0.3051


 66.0763, 0.3424,
0.3170

 4.4269, 0.3857,
0.2991

 87.7020, 0.3397,
0.3181

 1.9151, 0.4091,
0.2894

113.5959, 0.3374,
0.3190

 0.5574, 0.4741,
0.2640

144.1423, 0.3356,
0.3198

 0.0000, 0.0000,
0.0000

179.7256, 0.3339,

0.3205

220.7302, 0.3325,
0.3210

■ 22.9641, 0.3549,
0.3119

■ 22.9641, 0.3549,
0.3119

■ 19.0383, 0.3774,
0.3052

■ 27.6075, 0.3364,
0.3185

■ 15.7912, 0.4044,
0.2989

■ 32.9987, 0.3214,
0.3249

■ 13.1848, 0.4362,
0.2937


■ 39.1698, 0.3091,
0.3308


■ 11.1761, 0.4721,
0.2903


■ 46.1505, 0.2991,
0.3363


■ 9.7171, 0.5104,
0.2900


■ 53.9685, 0.2910,
0.3413

 8.7518, 0.5480,
0.2935

 62.6505, 0.2842,
0.3458

 8.1978, 0.5812,
0.3006

 72.2218, 0.2787,
0.3500

 8.0575, 0.5908,
0.3028

 82.7067, 0.2741,
0.3538

 85.8094, 0.2686,
0.3437

Harmonies

Analogous

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



22.9641, 0.3228, 0.2893



22.9641, 0.3549, 0.3119



22.9641, 0.3757, 0.3392

Triad

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



22.9641, 0.3549, 0.3119



22.9641, 0.3337, 0.3884



22.9641, 0.2509, 0.2881

Complementary

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



22.9641, 0.3549, 0.3119



32.8582, 0.2827, 0.3469

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.



22.9641, 0.2535, 0.3134



22.9641, 0.3549, 0.3119



22.9641, 0.3002, 0.3741

Square

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



22.9641, 0.3549, 0.3119



22.9641, 0.3626, 0.3844



22.9641, 0.2712, 0.3455



22.9641, 0.2636, 0.2752

Rectangle

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



22.9641, 0.3549, 0.3119



22.9641, 0.3797, 0.3574



22.9641, 0.2712, 0.3455



22.9641, 0.2500, 0.2953

Sweetspot

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



22.9652, 0.3549, 0.3119



58.5215, 0.3232, 0.3241



22.8147, 0.3024, 0.2611



12.4713, 0.3252, 0.3232



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.



22.9652, 0.3549, 0.3119



37.4158, 0.3673, 0.3081



25.2883, 0.3649, 0.3452



7.1137, 0.3247, 0.3234



6.1813, 0.5884, 0.3015



0.1369, 0.4943, 0.2497

Inverse Universe

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



22.9652, 0.3549, 0.3119



37.4158, 0.3673, 0.3081



29.7064, 0.2728, 0.3121



7.1137, 0.3247, 0.3234



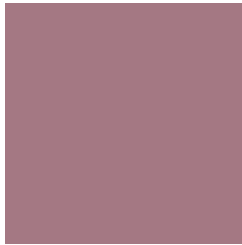
6.1813, 0.5884, 0.3015



0.1369, 0.4943, 0.2497

Previews

White Background



This preview shows how the Yxy color 22.9641, 0.3549, 0.3119 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 22.9641, 0.3549, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

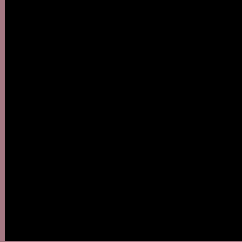
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9641, 0.3549, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 22.9641, 0.3549, 0.3119.



This preview shows how white text looks on a background with the Yxy color 22.9641, 0.3549, 0.3119.

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

22.9641, 0.3549, 0.3119

Protanopia

23.0541, 0.3076, 0.3169

Deuteranopia

23.1610, 0.3319, 0.3257



Tritanopia

22.9104, 0.3574, 0.3150

Trichromacy



Original Color

22.9641, 0.3549, 0.3119

Protanomaly

22.8573, 0.3240, 0.3156

Deuteranomaly

23.0512, 0.3411, 0.3209

Tritanomaly

22.9372, 0.3561, 0.3135

Monochromacy



Original Color

22.9641, 0.3549, 0.3119

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.4137, 0.3271, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9641, 0.3549, 0.3119 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(164, 120, 131)` looks like.

```
.text, #text, p{  
    color:rgb(164, 120, 131)  
}
```

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(164, 120, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 120, 131) }
```

Border

The CSS property to change the border of an element to Yxy 22.9641, 0.3549, 0.3119 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(164, 120, 131) }
```

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

```
.border{ border-color:rgb(164, 120, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 120, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 120, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 120, 131);  
box-shadow:4px 4px 4px 4px rgb(164, 120,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9641, 0.3549, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 120, 131) }
```

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

```
.background{ background-color: rgb(164,  
120, 131) }
```

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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