

Converting Colors

$Y_{xy}(23.0925, 0.3297, 0.2974)$

Have a look what the booklet for
Yxy(23.0925, 0.3297, 0.2974)
contains.

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Color

Yxy(23.2170, 0.3298, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	9C7B8F
RGB	156, 123, 143
RGB Percent	61%, 48%, 56%
CMY	0.3883, 0.5176, 0.4393
CMYK	0.00, 0.21, 0.08, 0.39
HSL	324°, 14%, 55%
HSV	324°, 21%, 61%
XYZ	25.7464, 23.2170, 29.1032
YIQ	135.1470, 13.2480, 13.2160

Conversions

Conversions Part 2

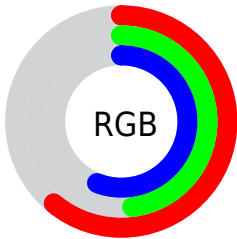
Format	Color
R _Y B	156, 123, 143
Decimal	10255247
CIE Lab	55.30, 16.21, -5.91
CIE LCh	55, 17.253, 339.970
Yxy	23.2170, 0.3298, 0.2974
Android (android.graphics.Color)	4288445327 (0xFF9C7B8F)
YUV	135.1470, 3.8715, 18.2881
Hunter-Lab	48.1840, 11.0566, -2.0824

Details

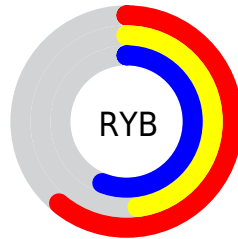
The Yxy color **23.2170, 0.3298, 0.2974** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.7587, 0.2987, 0.3629**, and the grayscale version is **24.2672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9308, 0.3261, 0.3041**, and **8.6309, 0.3350, 0.2853** is the 20% darker color. If you saturate the color by 10%, you get **19.4697, 0.3402, 0.2818**, and if you desaturate by 10%, it is **27.5932, 0.3209, 0.3127**.

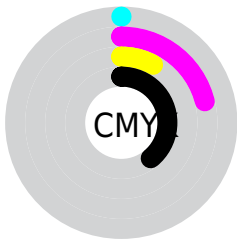
Distribution



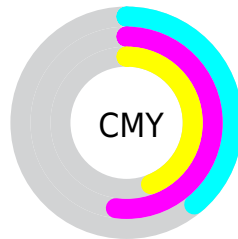
- Red (61%)
- Green (48%)
- Blue (56%)



- Red (61%)
- Yellow (48%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (39%)





- Cyan (39%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.2170, 0.3298, 0.2974 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 23.2170, 0.3298, 0.2974 by changing the saturation by 10% instead.


 23.2170, 0.3298,
0.2974

 23.2170, 0.3298,
0.2974


268.8376, 0.3205,
0.3146


 14.7538, 0.3324,
0.2925


 48.7494, 0.3262,
0.3040

 8.6468, 0.3360,
0.2859


 66.5874, 0.3249,
0.3064

 4.5115, 0.3413,
0.2764

 88.3191, 0.3238,
0.3084

 1.9636, 0.3494,
0.2616

114.3290, 0.3229,
0.3100

 0.5862, 0.3687,
0.2256

145.0014, 0.3222,
0.3114

 0.0000, 0.0000,
0.0000

180.7207, 0.3215,

0.3127

221.8713, 0.3210,
0.3137

■ 23.2170, 0.3298,
0.2974

■ 23.2170, 0.3298,
0.2974

■ 19.4697, 0.3402,
0.2818

■ 27.5932, 0.3209,
0.3127

■ 16.3189, 0.3523,
0.2663

■ 32.6225, 0.3135,
0.3274

■ 13.7340, 0.3662,
0.2517

■ 38.3317, 0.3072,
0.3412

■ 11.6803, 0.3817,
0.2391

■ 44.7452, 0.3020,
0.3541

■ 10.1195, 0.3985,
0.2293

■ 51.8860, 0.2977,
0.3659

■ 9.0079, 0.4161,
0.2236

■ 59.7763, 0.2941,
0.3769

■ 8.2939, 0.4339,
0.2227

■ 68.4371, 0.2911,
0.3869

■ 7.8823, 0.4496,
0.2250

■ 77.8888, 0.2886,
0.3961

■ 82.6777, 0.2859,
0.3959

Harmonies

Analogous

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



23.2170, 0.2989, 0.2828



23.2170, 0.3298, 0.2974



23.2170, 0.3571, 0.3197

Triad

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



23.2170, 0.3298, 0.2974



23.2170, 0.3523, 0.3817



23.2170, 0.2568, 0.3083

Complementary

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



23.2170, 0.3298, 0.2974



29.7587, 0.2987, 0.3629

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.



23.2170, 0.2697, 0.3365



23.2170, 0.3298, 0.2974



23.2170, 0.3243, 0.3809

Square

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



23.2170, 0.3298, 0.2974



23.2170, 0.3702, 0.3678



23.2170, 0.2941, 0.3640



23.2170, 0.2580, 0.2877

Rectangle

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



23.2170, 0.3298, 0.2974



23.2170, 0.3688, 0.3365



23.2170, 0.2941, 0.3640



23.2170, 0.2596, 0.3172

Sweetspot

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



23.2180, 0.3298, 0.2974



54.5630, 0.3170, 0.3202



21.7745, 0.2920, 0.2743



11.8884, 0.3175, 0.3193



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



23.2180, 0.3298, 0.2974



39.0761, 0.3341, 0.2906



22.7641, 0.3491, 0.3229



6.7102, 0.3194, 0.3155



6.5018, 0.4484, 0.2244



0.1244, 0.3864, 0.1902

Inverse Universe

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



23.2180, 0.3298, 0.2974



39.0761, 0.3341, 0.2906



30.2521, 0.2852, 0.3353



6.7102, 0.3194, 0.3155



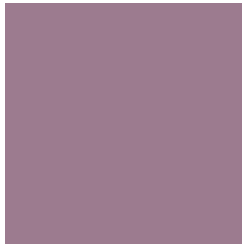
6.5018, 0.4484, 0.2244



0.1244, 0.3864, 0.1902

Previews

White Background



This preview shows how the Yxy color 23.2170, 0.3298, 0.2974 looks on a white background.

Color Contrast Check

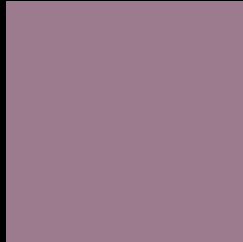
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2170, 0.3298, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

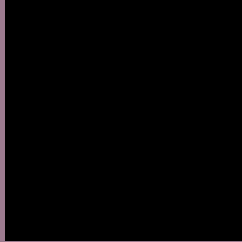
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2170, 0.3298, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 23.2170, 0.3298, 0.2974.



This preview shows how white text looks on a background with the Yxy color 23.2170, 0.3298, 0.2974.

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

23.2170, 0.3298, 0.2974

Protanopia

23.3865, 0.2942, 0.3017

Deuteranopia

23.3162, 0.3126, 0.3073



Tritanopia

23.3570, 0.3388, 0.3146

Trichromacy



Original Color

23.2170, 0.3298, 0.2974

Protanomaly

23.2648, 0.3061, 0.3006

Deuteranomaly

23.2427, 0.3186, 0.3044

Tritanomaly

23.1900, 0.3355, 0.3082

Monochromacy



Original Color

23.2170, 0.3298, 0.2974

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.9072, 0.3190, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2170, 0.3298, 0.2974 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(156, 123, 143)` looks like.

```
.text, #text, p{  
    color:rgb(156, 123, 143)  
}
```

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(156, 123, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 123, 143) }
```

Border

The CSS property to change the border of an element to Yxy 23.2170, 0.3298, 0.2974 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(156, 123, 143) }
```

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

```
.border{ border-color:rgb(156, 123, 143) }
```

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

Here you see how a box with a 4 pixel rgb(156, 123, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 123, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 123, 143);  
box-shadow:4px 4px 4px 4px rgb(156, 123,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2170, 0.3298, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 123, 143) }
```

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

```
.background{ background-color: rgb(156,  
123, 143) }
```

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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