

Converting Colors

$Y_{xy}(23.0299, 0.3293, 0.2884)$

Have a look what the booklet for
Yxy(23.0299, 0.3293, 0.2884)
contains.

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Color

Yxy(23.1523, 0.3291, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	9F7993
RGB	159, 121, 147
RGB Percent	62%, 47%, 58%
CMY	0.3764, 0.5255, 0.4236
CMYK	0.00, 0.24, 0.08, 0.38
HSL	319°, 17%, 55%
HSV	319°, 24%, 62%
XYZ	26.4013, 23.1523, 30.6692
YIQ	135.3260, 14.3020, 16.1420

Conversions

Conversions Part 2

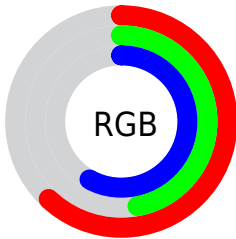
Format	Color
RYB	159, 121, 147
Decimal	10451347
CIELab	55.23, 19.22, -8.29
CIElCh	55, 20.929, 336.653
Yxy	23.1523, 0.3291, 0.2886
Android (android.graphics.Color)	4288641427 (0xFF9F7993)
YUV	135.3260, 5.7553, 20.7621
Hunter-Lab	48.1168, 13.7371, -4.1090

Details

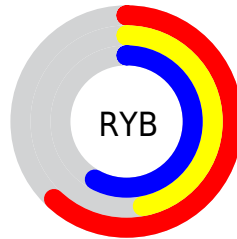
The Yxy color $23.1523, 0.3291, 0.2886$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $30.5592, 0.2994, 0.3732$, and the grayscale version is $24.3305, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.7853, 0.3256, 0.2974$, and $8.6051, 0.3355, 0.2752$ is the 20% darker color. If you saturate the color by 10%, you get $19.4471, 0.3379, 0.2711$, and if you desaturate by 10%, it is $27.5035, 0.3215, 0.3059$.

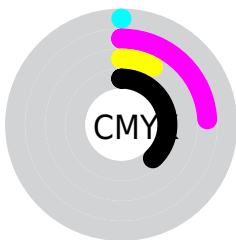
Distribution



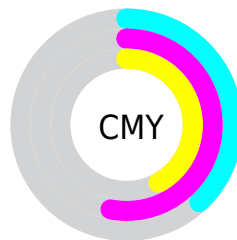
- Red (62%)
- Green (47%)
- Blue (58%)



- Red (62%)
- Yellow (47%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (38%)





- Cyan (38%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1523, 0.3291, 0.2886 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 23.1523, 0.3291, 0.2886 by changing the saturation by 10% instead.


 23.1523, 0.3291,
0.2886


 23.1523, 0.3291,
0.2886


268.5063, 0.3203,
0.3105


 14.7060, 0.3315,
0.2825


 48.6433, 0.3257,
0.2970

 8.6133, 0.3348,
0.2743


 66.4568, 0.3245,
0.3000

 4.4898, 0.3395,
0.2625

 88.1614, 0.3235,
0.3025

 1.9512, 0.3466,
0.2444

114.1417, 0.3227,
0.3046

 0.5789, 0.3631,
0.2036

144.7819, 0.3219,
0.3064

 0.0000, 0.0000,
0.0000

180.4664, 0.3213,

0.3080

221.5798, 0.3208,
0.3093

■ 23.1523, 0.3291,
0.2886

■ 23.1523, 0.3291,
0.2886

■ 19.4471, 0.3379,
0.2711

■ 27.5035, 0.3215,
0.3059

■ 16.3536, 0.3480,
0.2541

■ 32.5267, 0.3150,
0.3227

■ 13.8389, 0.3593,
0.2384

■ 38.2504, 0.3095,
0.3386

■ 11.8657, 0.3716,
0.2250

■ 44.7003, 0.3048,
0.3535

■ 10.3925, 0.3847,
0.2148

■ 51.9009, 0.3010,
0.3673

■ 9.3716, 0.3981,
0.2090

■ 59.8757, 0.2977,
0.3800

■ 8.7460, 0.4114,
0.2078

■ 68.6468, 0.2951,
0.3917

■ 8.4684, 0.4196,
0.2085

■ 78.2359, 0.2928,
0.4024

■ 82.7109, 0.2905,
0.4031

Harmonies

Analogous

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



23.1523, 0.2919, 0.2724



23.1523, 0.3291, 0.2886



23.1523, 0.3635, 0.3142

Triad

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



23.1523, 0.3291, 0.2886



23.1523, 0.3636, 0.3918



23.1523, 0.2464, 0.3068

Complementary

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



23.1523, 0.3291, 0.2886



30.5592, 0.2994, 0.3732

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.



23.1523, 0.2633, 0.3419



23.1523, 0.3291, 0.2886



23.1523, 0.3304, 0.3938

Square

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



23.1523, 0.3291, 0.2886



23.1523, 0.3837, 0.3727



23.1523, 0.2937, 0.3751



23.1523, 0.2460, 0.2809

Rectangle

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



23.1523, 0.3291, 0.2886



23.1523, 0.3793, 0.3341



23.1523, 0.2937, 0.3751



23.1523, 0.2503, 0.3179

Sweetspot

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



23.1533, 0.3291, 0.2886



55.2030, 0.3170, 0.3174



21.1690, 0.2860, 0.2658



12.3331, 0.3173, 0.3165



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



23.1533, 0.3291, 0.2886



37.5722, 0.3339, 0.2787



22.6054, 0.3521, 0.3180



6.7188, 0.3183, 0.3138



6.6956, 0.4185, 0.2079



0.1270, 0.3717, 0.1821

Inverse Universe

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



23.1533, 0.3291, 0.2886



37.5722, 0.3339, 0.2787



31.1330, 0.2838, 0.3404



6.7188, 0.3183, 0.3138



6.6956, 0.4185, 0.2079



0.1270, 0.3717, 0.1821

Previews

White Background



This preview shows how the Yxy color 23.1523, 0.3291, 0.2886 looks on a white background.

Color Contrast Check

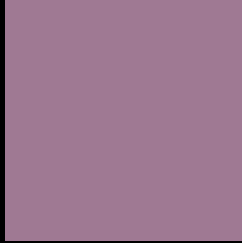
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1523, 0.3291, 0.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

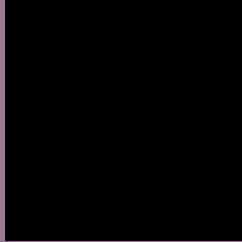
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1523, 0.3291, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 23.1523, 0.3291, 0.2886.



This preview shows how white text looks on a background with the Yxy color 23.1523, 0.3291, 0.2886.

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

23.1523, 0.3291, 0.2886

Protanopia

23.1549, 0.2862, 0.2900

Deuteranopia

23.2338, 0.3071, 0.3022



Tritanopia

23.0275, 0.3429, 0.3131

Trichromacy



Original Color

23.1523, 0.3291, 0.2886

Protanomaly

22.9021, 0.3009, 0.2893

Deuteranomaly

23.1080, 0.3142, 0.2964

Tritanomaly

23.0231, 0.3383, 0.3037

Monochromacy



Original Color

23.1523, 0.3291, 0.2886

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.7586, 0.3192, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1523, 0.3291, 0.2886 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(159, 121, 147)` looks like.

```
.text, #text, p{  
    color:rgb(159, 121, 147)  
}
```

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(159, 121, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 121, 147) }
```

Border

The CSS property to change the border of an element to Yxy 23.1523, 0.3291, 0.2886 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(159, 121, 147) }
```

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

```
.border{ border-color:rgb(159, 121, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 121, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 121, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 121, 147);  
box-shadow:4px 4px 4px 4px rgb(159, 121,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1523, 0.3291, 0.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 121, 147) }
```

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

```
.background{ background-color: rgb(159,  
121, 147) }
```

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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