

Converting Colors

$Y_{xy}(22.9940, 0.3092, 0.2743)$

Have a look what the booklet for
Yxy(22.9940, 0.3092, 0.2743)
contains.

Yxy(23.0288, 0.3095, 0.2742)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.0288, 0.3095, 0.2742)

Conversions

Conversions Part 1

Format	Color
Hex	987A9D
RGB	152, 122, 157
RGB Percent	60%, 48%, 62%
CMY	0.4039, 0.5216, 0.3844
CMYK	0.03, 0.22, 0.00, 0.38
HSL	291°, 15%, 55%
HSV	291°, 22%, 62%
XYZ	25.9935, 23.0288, 34.9631
YIQ	134.9600, 6.6450, 17.2450

Conversions

Conversions Part 2

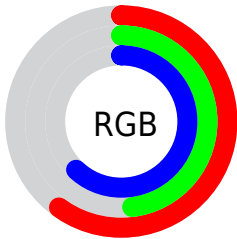
Format	Color
R_{YB}	152, 122, 157
Decimal	9992861
CIE _{Lab}	55.10, 18.07, -14.37
CIE _{LCh}	55, 23.088, 321.520
Yxy	23.0288, 0.3095, 0.2742
Android (android.graphics.Color)	4288182941 (0xFF987A9D)
YUV	134.9600, 10.8657, 14.9441
Hunter-Lab	47.9883, 12.7072, -9.6054

Details

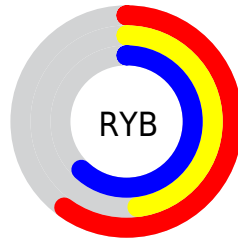
The Yxy color $23.0288, 0.3095, 0.2742$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $30.0219, 0.3147, 0.3886$, and the grayscale version is $24.1705, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.6788, 0.3105, 0.2855$, and $8.5724, 0.3074, 0.2546$ is the 20% darker color. If you saturate the color by 10%, you get $19.2677, 0.3075, 0.2489$, and if you desaturate by 10%, it is $27.4186, 0.3112, 0.2993$.

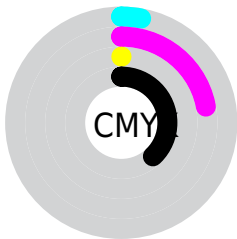
Distribution



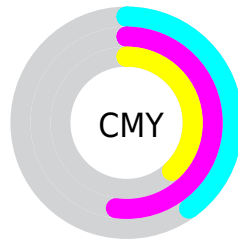
- Red (60%)
- Green (48%)
- Blue (62%)



- Red (60%)
- Yellow (48%)
- Blue (62%)



- Cyan (3%)
- Magenta (22%)
- Yellow (0%)
- Black (38%)





- Cyan (40%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0288, 0.3095, 0.2742 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 23.0288, 0.3095, 0.2742 by changing the saturation by 10% instead.


 23.0288, 0.3095,
0.2742

 23.0288, 0.3095,
0.2742


267.8729, 0.3117,
0.3036


 14.6148, 0.3087,
0.2661


 48.4406, 0.3105,
0.2854

 8.5495, 0.3074,
0.2553


 66.2072, 0.3108,
0.2895

 4.4485, 0.3053,
0.2400

 87.8601, 0.3111,
0.2928

 1.9275, 0.3014,
0.2170

113.7837, 0.3112,
0.2957

 0.5648, 0.2960,
0.1697

144.3623, 0.3114,
0.2981

 0.0000, 0.0000,
0.0000

179.9805, 0.3115,

0.3002

221.0226, 0.3116,
0.3020

■ 23.0288, 0.3095,
0.2742

■ 23.0288, 0.3095,
0.2742

■ 19.2677, 0.3075,
0.2489

■ 27.4186, 0.3112,
0.2993

■ 16.1025, 0.3050,
0.2241

■ 32.4621, 0.3125,
0.3236

■ 13.5019, 0.3022,
0.2008

■ 38.1863, 0.3135,
0.3467

■ 11.4304, 0.2991,
0.1799

■ 44.6161, 0.3142,
0.3682

■ 9.8487, 0.2957,
0.1625

■ 51.7749, 0.3147,
0.3880

8.7117, 0.2921,
0.1490

59.6851, 0.3150,
0.4062

7.9662, 0.2885,
0.1399

68.3682, 0.3152,
0.4227

7.5567, 0.2857,
0.1347

77.8448, 0.3152,
0.4376

82.7343, 0.3159,
0.4439

Harmonies

Analogous

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



23.0288, 0.2715, 0.2632



23.0288, 0.3095, 0.2742



23.0288, 0.3508, 0.2975

Triad

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



23.0288, 0.3095, 0.2742



23.0288, 0.3824, 0.3892



23.0288, 0.2470, 0.3231

Complementary

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



23.0288, 0.3095, 0.2742



30.0219, 0.3147, 0.3886

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.



23.0288, 0.2736, 0.3631



23.0288, 0.3095, 0.2742



23.0288, 0.3517, 0.4025

Square

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



23.0288, 0.3095, 0.2742



23.0288, 0.3944, 0.3616



23.0288, 0.3117, 0.3935



23.0288, 0.2373, 0.2884

Rectangle

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



23.0288, 0.3095, 0.2742



23.0288, 0.3739, 0.3177



23.0288, 0.3117, 0.3935



23.0288, 0.2541, 0.3365

Sweetspot

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



23.0298, 0.3095, 0.2742



53.6178, 0.3119, 0.3120



21.8150, 0.2768, 0.2779



11.6938, 0.3118, 0.3107



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.



23.0298, 0.3095, 0.2742



37.5879, 0.3085, 0.2609



23.1223, 0.3291, 0.2932



6.7068, 0.3116, 0.3068



6.1515, 0.2860, 0.1349



0.1219, 0.3010, 0.1432

Inverse Universe

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



22.6177, 0.3505, 0.3211



36.7327, 0.3623, 0.3191



29.9725, 0.2993, 0.3677



6.6607, 0.3263, 0.3258



5.8734, 0.6173, 0.3174



0.1089, 0.5415, 0.2757

Previews

White Background



This preview shows how the Yxy color 23.0288, 0.3095, 0.2742 looks on a white background.

Color Contrast Check

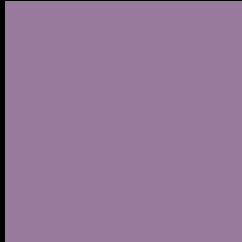
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0288, 0.3095, 0.2742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

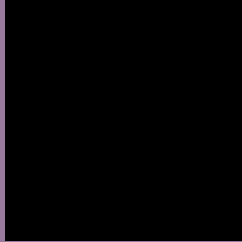
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0288, 0.3095, 0.2742

Background



This preview shows how black text looks on a background with the Yxy color 23.0288, 0.3095, 0.2742.



This preview shows how white text looks on a background with the Yxy color 23.0288, 0.3095, 0.2742.

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

23.0288, 0.3095, 0.2742

Protanopia

23.2369, 0.2749, 0.2755

Deuteranopia

23.0874, 0.2894, 0.2840



Tritanopia

23.0888, 0.3290, 0.3126

Trichromacy



Original Color

23.0288, 0.3095, 0.2742

Protanomaly

23.1624, 0.2867, 0.2750

Deuteranomaly

22.8975, 0.2969, 0.2800

Tritanomaly

23.1649, 0.3212, 0.2983

Monochromacy



Original Color

23.0288, 0.3095, 0.2742

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.6112, 0.3114, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0288, 0.3095, 0.2742 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(152, 122, 157)` looks like.

```
.text, #text, p{  
    color:rgb(152, 122, 157)  
}
```

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(152, 122, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 122, 157) }
```

Border

The CSS property to change the border of an element to Yxy 23.0288, 0.3095, 0.2742 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(152, 122, 157) }
```

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

```
.border{ border-color:rgb(152, 122, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 122, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 122, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 122, 157);  
box-shadow:4px 4px 4px 4px rgb(152, 122,  
157) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 23.0288, 0.3095, 0.2742$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 122, 157) }
```

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

```
.background{ background-color: rgb(152,  
122, 157) }
```

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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