

Converting Colors

$Y_{xy}(23.0275, 0.2735, 0.2273)$

Have a look what the booklet for
Yxy(23.0275, 0.2735, 0.2273)
contains.

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Color

Yxy(23.0275, 0.2735, 0.2273)

Conversions

Conversions Part 1

Format	Color
Hex	9377BC
RGB	147, 119, 188
RGB Percent	58%, 47%, 74%
CMY	0.4235, 0.5333, 0.2627
CMYK	0.22, 0.37, 0.00, 0.26
HSL	264°, 34%, 60%
HSV	264°, 37%, 74%
XYZ	27.7080, 23.0275, 50.5734
YIQ	135.2380, -5.4610, 27.3950

Conversions

Conversions Part 2

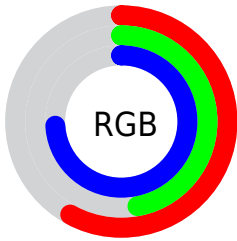
Format	Color
R_{YB}	147, 119, 188
Decimal	9664444
CIE _{Lab}	55.10, 25.06, -32.30
CIE _{LCh}	55, 40.884, 307.810
Yxy	23.0275, 0.2735, 0.2273
Android (android.graphics.Color)	4287854524 (0xFF9377BC)
YUV	135.2380, 26.0117, 10.3153
Hunter-Lab	47.9870, 19.0898, -28.8947

Details

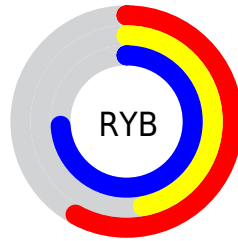
The Yxy color **23.0275, 0.2735, 0.2273** is a light color, and the websafe version is hex **996699**. A complement of this color would be **44.7837, 0.3417, 0.4273**, and the grayscale version is **24.2251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5933, 0.2827, 0.2478**, and **8.5344, 0.2586, 0.1968** is the 20% darker color. If you saturate the color by 10%, you get **18.0037, 0.2596, 0.1966**, and if you desaturate by 10%, it is **29.0388, 0.2861, 0.2574**.

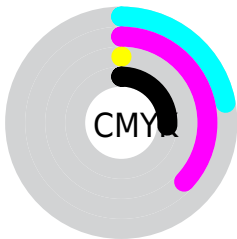
Distribution



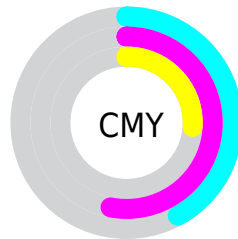
- Red (58%)
- Green (47%)
- Blue (74%)



- Red (58%)
- Yellow (47%)
- Blue (74%)



- Cyan (22%)
- Magenta (37%)
- Yellow (0%)
- Black (26%)




- Cyan (42%)
- Magenta (53%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0275, 0.2735, 0.2273 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 23.0275, 0.2735, 0.2273 by changing the saturation by 10% instead.


 23.0275, 0.2735,
0.2273


 23.0275, 0.2735,
0.2273

267.8662, 0.2960,
0.2800


 14.6138, 0.2669,
0.2138


 48.4385, 0.2824,
0.2468

 8.5488, 0.2579,
0.1964


 66.2046, 0.2855,
0.2540

 4.4481, 0.2449,
0.1732


 87.8569, 0.2880,
0.2601

 1.9272, 0.2248,
0.1415

113.7799, 0.2902,
0.2652

 0.5647, 0.1927,
0.0916

144.3579, 0.2920,
0.2697

 0.0000, 0.0494,
0.0000

179.9754, 0.2935,

 0.0000, 0.0000,

0.2736

0.0000

221.0167, 0.2948,
0.2770

■ 23.0275, 0.2735,
0.2273

■ 23.0275, 0.2735,
0.2273

■ 18.0037, 0.2596,
0.1966

■ 29.0388, 0.2861,
0.2574

■ 13.9092, 0.2448,
0.1665

■ 36.0858, 0.2973,
0.2860

■ 10.6842, 0.2296,
0.1386


■ 44.2166, 0.3070,
0.3125


■ 8.2599, 0.2147,
0.1145


■ 53.4756, 0.3153,
0.3367

■ 6.5570, 0.2010,
0.0958


■ 63.9047, 0.3224,
0.3585


 5.4694, 0.1889,
0.0830

 75.5435, 0.3283,
0.3779

 5.1795, 0.1853,
0.0794

 88.4297, 0.3333,
0.3952

 93.0531, 0.3401,
0.3977

 95.0305, 0.3475,
0.3960

Harmonies

Analogous

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



23.0275, 0.2196, 0.2190



23.0275, 0.2735, 0.2273



23.0275, 0.3454, 0.2563

Triad

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



23.0275, 0.2735, 0.2273



23.0275, 0.4476, 0.4063



23.0275, 0.2168, 0.3491

Complementary

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



23.0275, 0.2735, 0.2273



44.7837, 0.3417, 0.4273

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.



23.0275, 0.2704, 0.4225



23.0275, 0.2735, 0.2273



23.0275, 0.4041, 0.4491

Square

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



23.0275, 0.2735, 0.2273



23.0275, 0.4533, 0.3531



23.0275, 0.3390, 0.4607



23.0275, 0.1899, 0.2791

Rectangle

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



23.0275, 0.2735, 0.2273



23.0275, 0.3937, 0.2845



23.0275, 0.3390, 0.4607



23.0275, 0.2321, 0.3750

Sweetspot

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



23.0284, 0.2735, 0.2273



73.2812, 0.3028, 0.3009



32.8389, 0.2560, 0.2867



15.3309, 0.3015, 0.2974



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



23.0284, 0.2735, 0.2273



34.2941, 0.2625, 0.2027



26.6637, 0.3095, 0.2374



9.4092, 0.3046, 0.3057



3.5666, 0.1865, 0.0801



0.1780, 0.2148, 0.0957

Inverse Universe

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



26.4267, 0.3483, 0.2733



41.5149, 0.3592, 0.2612



41.7359, 0.3129, 0.4367



9.6290, 0.3198, 0.3154



8.0868, 0.4544, 0.2277



0.3294, 0.4143, 0.2056

Previews

White Background



This preview shows how the Yxy color 23.0275, 0.2735, 0.2273 looks on a white background.

Color Contrast Check

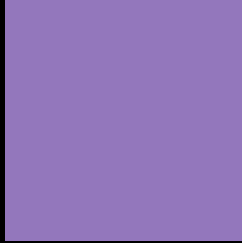
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0275, 0.2735, 0.2273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

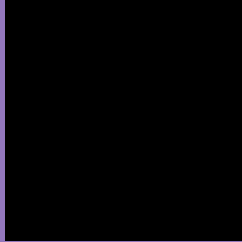
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0275, 0.2735, 0.2273

Background



This preview shows how black text looks on a background with the Yxy color 23.0275, 0.2735, 0.2273.



This preview shows how white text looks on a background with the Yxy color 23.0275, 0.2735, 0.2273.

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

23.0275, 0.2735, 0.2273

Protanopia

23.2477, 0.2351, 0.2243

Deuteranopia

23.2885, 0.2458, 0.2406



Tritanopia

22.9679, 0.3124, 0.3120

Trichromacy



Original Color

23.0275, 0.2735, 0.2273

Protanomaly

23.0277, 0.2474, 0.2246

Deuteranomaly

23.1266, 0.2545, 0.2353

Tritanomaly

22.7643, 0.2970, 0.2770

Monochromacy



Original Color

23.0275, 0.2735, 0.2273

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.5226, 0.2979, 0.2880

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0275, 0.2735, 0.2273 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(147, 119, 188)` looks like.

```
.text, #text, p{  
    color:rgb(147, 119, 188)  
}
```

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(147, 119, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 119, 188) }
```

Border

The CSS property to change the border of an element to Yxy 23.0275, 0.2735, 0.2273 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(147, 119, 188) }
```

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

```
.border{ border-color:rgb(147, 119, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 119, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 119, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 119, 188);  
box-shadow:4px 4px 4px 4px rgb(147, 119,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0275, 0.2735, 0.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 119, 188) }
```

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

```
.background{ background-color: rgb(147,  
119, 188) }
```

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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