

Converting Colors

$Y_{xy}(23.1334, 0.2993, 0.2871)$

Have a look what the booklet for
Yxy(23.1334, 0.2993, 0.2871)
contains.

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Color

Yxy(23.2272, 0.2989, 0.2878)

Conversions

Conversions Part 1

Format	Color
Hex	8B8099
RGB	139, 128, 153
RGB Percent	55%, 50%, 60%
CMY	0.4547, 0.4981, 0.3999
CMYK	0.09, 0.16, 0.00, 0.40
HSL	267°, 11%, 55%
HSV	267°, 16%, 60%
XYZ	24.1230, 23.2272, 33.3558
YIQ	134.1390, -1.4690, 10.1070

Conversions

Conversions Part 2

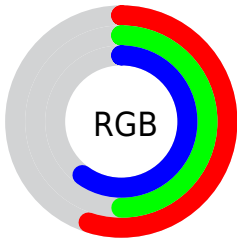
Format	Color
R_{YB}	139, 128, 153
Decimal	9142425
CIE Lab	55.31, 9.22, -11.88
CIE LCh	55, 15.039, 307.798
Yxy	23.2272, 0.2989, 0.2878
Android (android.graphics.Color)	4287332505 (0xFF8B8099)
YUV	134.1390, 9.2985, 4.2631
Hunter-Lab	48.1946, 5.0048, -7.2988

Details

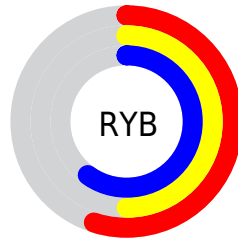
The Yxy color $23.2272, 0.2989, 0.2878$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.0931, 0.3249, 0.3699$, and the grayscale version is $23.8620, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.8902, 0.3026, 0.2972$, and $8.6751, 0.2934, 0.2733$ is the 20% darker color. If you saturate the color by 10%, you get $18.8264, 0.2887, 0.2600$, and if you desaturate by 10%, it is $28.2894, 0.3078, 0.3137$.

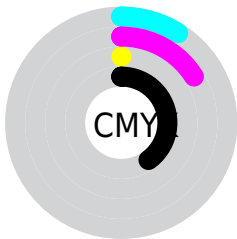
Distribution



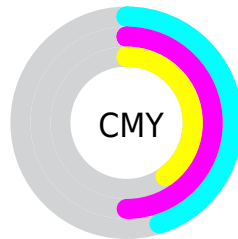
- Red (55%)
- Green (50%)
- Blue (60%)



- Red (55%)
- Yellow (50%)
- Blue (60%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.2272, 0.2989, 0.2878 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 23.2272, 0.2989, 0.2878 by changing the saturation by 10% instead.

■ 23.2272, 0.2989,
0.2878

■ 23.2272, 0.2989,
0.2878

268.8898, 0.3068,
0.3102

■ 14.7614, 0.2965,
0.2815

■ 48.7661, 0.3020,
0.2964

■ 8.6521, 0.2932,
0.2730

■ 66.6080, 0.3031,
0.2995

■ 4.5149, 0.2883,
0.2607

■ 88.3440, 0.3040,
0.3021

■ 1.9656, 0.2801,
0.2417

114.3585, 0.3047,
0.3042

■ 0.5874, 0.2669,
0.2001

145.0360, 0.3054,
0.3061

■ 0.0000, 0.0000,
0.0000

180.7607, 0.3059,

0.3077

221.9172, 0.3064,
0.3090

■ 23.2272, 0.2989,
0.2878

■ 23.2272, 0.2989,
0.2878

■ 18.8264, 0.2887,
0.2600

■ 28.2894, 0.3078,
0.3137

■ 15.0558, 0.2772,
0.2308

■ 34.0364, 0.3153,
0.3374

■ 11.8863, 0.2644,
0.2010

■ 40.4943, 0.3218,
0.3588

■ 9.2849, 0.2508,
0.1717

■ 47.6867, 0.3272,
0.3781

■ 7.2156, 0.2366,
0.1445

■ 55.6362, 0.3317,
0.3953

■ 5.6380, 0.2225,
0.1207

■ 64.3644, 0.3355,
0.4106

■ 4.5058, 0.2091,
0.1017

■ 73.8921, 0.3387,
0.4242

■ 3.7506, 0.1971,
0.0881

■ 84.2391, 0.3413,
0.4363

■ 3.5155, 0.1930,
0.0837

■ 88.4057, 0.3460,
0.4382

Harmonies

Analogous

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



23.2272, 0.2767, 0.2854



23.2272, 0.2989, 0.2878



23.2272, 0.3258, 0.3001

Triad

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



23.2272, 0.2989, 0.2878



23.2272, 0.3634, 0.3619



23.2272, 0.2764, 0.3375

Complementary

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



23.2272, 0.2989, 0.2878



30.0931, 0.3249, 0.3699

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.



23.2272, 0.2984, 0.3608



23.2272, 0.2989, 0.2878



23.2272, 0.3489, 0.3744

Square

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



23.2272, 0.2989, 0.2878



23.2272, 0.3639, 0.3417



23.2272, 0.3249, 0.3745



23.2272, 0.2641, 0.3128

Rectangle

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



23.2272, 0.2989, 0.2878



23.2272, 0.3426, 0.3124



23.2272, 0.3249, 0.3745



23.2272, 0.2828, 0.3459

Sweetspot

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



23.2282, 0.2989, 0.2878



51.8781, 0.3088, 0.3168



26.2853, 0.2879, 0.3108



11.3165, 0.3083, 0.3152



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



23.2282, 0.2989, 0.2878



38.2680, 0.2950, 0.2768



24.3479, 0.3127, 0.2895



6.1532, 0.3053, 0.3065



2.9240, 0.1937, 0.0841



0.0648, 0.2425, 0.1110

Inverse Universe

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



24.1604, 0.3267, 0.3067



40.3155, 0.3308, 0.3009



29.0647, 0.3124, 0.3715



6.2775, 0.3201, 0.3166



6.1513, 0.4673, 0.2348



0.0993, 0.3920, 0.1933

Previews

White Background



This preview shows how the Yxy color 23.2272, 0.2989, 0.2878 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 23.2272, 0.2989, 0.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

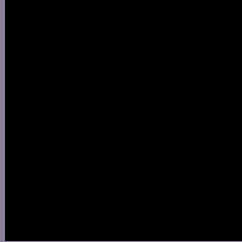
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2272, 0.2989, 0.2878

Background



This preview shows how black text looks on a background with the Yxy color 23.2272, 0.2989, 0.2878.



This preview shows how white text looks on a background with the Yxy color 23.2272, 0.2989, 0.2878.

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

23.2272, 0.2989, 0.2878

Protanopia

23.1884, 0.2853, 0.2884

Deuteranopia

23.2347, 0.2956, 0.2891



Tritanopia

23.1771, 0.3101, 0.3120

Trichromacy



Original Color

23.2272, 0.2989, 0.2878

Protanomaly

23.2039, 0.2903, 0.2888

Deuteranomaly

23.3188, 0.2967, 0.2893

Tritanomaly

23.1481, 0.3060, 0.3022

Monochromacy



Original Color

23.2272, 0.2989, 0.2878

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.6599, 0.3078, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2272, 0.2989, 0.2878 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(139, 128, 153)` looks like.

```
.text, #text, p{  
    color:rgb(139, 128, 153)  
}
```

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(139, 128, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 128, 153) }
```

Border

The CSS property to change the border of an element to Yxy 23.2272, 0.2989, 0.2878 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(139, 128, 153) }
```

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

```
.border{ border-color:rgb(139, 128, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 128, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 128, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 128, 153);  
box-shadow:4px 4px 4px 4px rgb(139, 128,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2272, 0.2989, 0.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 128, 153) }
```

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

```
.background{ background-color: rgb(139,  
128, 153) }
```

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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