

Converting Colors

$Y_{xy}(23.1595, 0.2767, 0.2285)$

Have a look what the booklet for
Yxy(23.1595, 0.2767, 0.2285)
contains.

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Color

Yxy(23.2655, 0.2775, 0.2294)

Conversions

Conversions Part 1

Format	Color
Hex	9677BB
RGB	150, 119, 187
RGB Percent	59%, 47%, 73%
CMY	0.4117, 0.5333, 0.2667
CMYK	0.20, 0.36, 0.00, 0.27
HSL	267°, 33%, 60%
HSV	267°, 36%, 73%
XYZ	28.1438, 23.2655, 50.0097
YIQ	136.0210, -3.3520, 27.7200

Conversions

Conversions Part 2

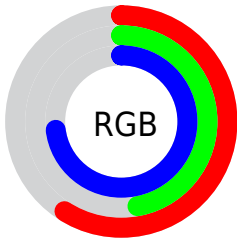
Format	Color
R_{YB}	150, 119, 187
Decimal	9861051
CIE _{Lab}	55.34, 25.74, -31.30
CIE _{LCh}	55, 40.526, 309.431
Yxy	23.2655, 0.2775, 0.2294
Android (android.graphics.Color)	4288051131 (0xFF9677BB)
YUV	136.0210, 25.1326, 12.2596
Hunter-Lab	48.2343, 19.7411, -27.7082

Details

The Yxy color $23.2655, 0.2775, 0.2294$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $43.9293, 0.3384, 0.4272$, and the grayscale version is $24.5347, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.9552, 0.2858, 0.2493$, and $8.6704, 0.2641, 0.1998$ is the 20% darker color. If you saturate the color by 10%, you get $18.3217, 0.2648, 0.1993$, and if you desaturate by 10%, it is $29.1704, 0.2890, 0.2590$.

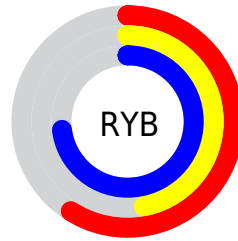
Distribution



Red (59%)

Green (47%)

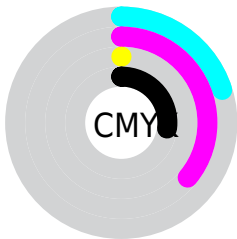
Blue (73%)



Red (59%)

Yellow (47%)

Blue (73%)

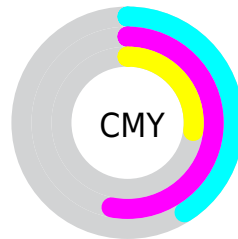


Cyan (20%)

Magenta (36%)

Yellow (0%)

Black (27%)



Cyan (41%)

Magenta (53%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.2655, 0.2775, 0.2294 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 23.2655, 0.2775, 0.2294 by changing the saturation by 10% instead.

■ 23.2655, 0.2775,
0.2294

■ 23.2655, 0.2775,
0.2294

■ 269.0857, 0.2978,
0.2810

■ 14.7897, 0.2715,
0.2162

■ 48.8289, 0.2856,
0.2484

■ 8.6719, 0.2632,
0.1991

■ 66.6853, 0.2884,
0.2555

■ 4.5278, 0.2513,
0.1764

■ 88.4373, 0.2907,
0.2615

■ 1.9730, 0.2327,
0.1451

■ 114.4693, 0.2926,
0.2665

■ 0.5917, 0.2024,
0.0965

■ 145.1658, 0.2942,
0.2709

■ 0.0000, 0.0718,
0.0000

■ 180.9111, 0.2956,

■ 0.0000, 0.0000,

0.2747

0.0000

222.0896, 0.2968,
0.2780

■ 23.2655, 0.2775,
0.2294

■ 23.2655, 0.2775,
0.2294

■ 18.3217, 0.2648,
0.1993

■ 29.1704, 0.2890,
0.2590

■ 14.2826, 0.2512,
0.1699

■ 36.0830, 0.2991,
0.2872

■ 11.0898, 0.2371,
0.1428

■ 44.0501, 0.3078,
0.3134

■ 8.6768, 0.2231,
0.1193

■ 53.1150, 0.3153,
0.3375

■ 6.9666, 0.2099,
0.1009

■ 63.3181, 0.3216,
0.3593

■ 5.8588, 0.1980,
0.0882

■ 74.6980, 0.3269,
0.3788

■ 5.5321, 0.1940,
0.0842

■ 87.2914, 0.3314,
0.3963

■ 92.1560, 0.3373,
0.3996

■ 93.9010, 0.3441,
0.3980

Harmonies

Analogous

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



23.2655, 0.2229, 0.2200



23.2655, 0.2775, 0.2294



23.2655, 0.3491, 0.2591

Triad

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



23.2655, 0.2775, 0.2294



23.2655, 0.4446, 0.4084



23.2655, 0.2158, 0.3447

Complementary

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



23.2655, 0.2775, 0.2294



43.9293, 0.3384, 0.4272

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.



23.2655, 0.2676, 0.4179



23.2655, 0.2775, 0.2294



23.2655, 0.4001, 0.4494

Square

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



23.2655, 0.2775, 0.2294



23.2655, 0.4525, 0.3559



23.2655, 0.3351, 0.4582



23.2655, 0.1906, 0.2767

Rectangle

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



23.2655, 0.2775, 0.2294



23.2655, 0.3962, 0.2876



23.2655, 0.3351, 0.4582



23.2655, 0.2304, 0.3703

Sweetspot

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



23.2664, 0.2775, 0.2294



71.7886, 0.3038, 0.3010



31.4173, 0.2558, 0.2817



15.3845, 0.3026, 0.2975



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.



23.2664, 0.2775, 0.2294



34.1639, 0.2670, 0.2043



26.9200, 0.3132, 0.2393



9.4328, 0.3053, 0.3058



3.8544, 0.1953, 0.0849



0.1899, 0.2229, 0.1002

Inverse Universe

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



26.1559, 0.3520, 0.2783



40.3125, 0.3649, 0.2667



41.0312, 0.3103, 0.4363



9.6208, 0.3206, 0.3166



7.9508, 0.4751, 0.2391



0.3245, 0.4286, 0.2135

Previews

White Background



This preview shows how the Yxy color 23.2655, 0.2775, 0.2294 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 23.2655, 0.2775, 0.2294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

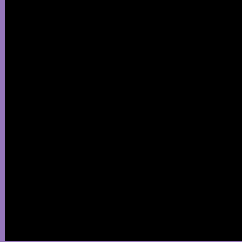
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2655, 0.2775, 0.2294

Background



This preview shows how black text looks on a background with the Yxy color 23.2655, 0.2775, 0.2294.



This preview shows how white text looks on a background with the Yxy color 23.2655, 0.2775, 0.2294.

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

23.2655, 0.2775, 0.2294

Protanopia

23.5976, 0.2375, 0.2275

Deuteranopia

23.3802, 0.2482, 0.2423



Tritanopia

23.3154, 0.3170, 0.3123

Trichromacy



Original Color

23.2655, 0.2775, 0.2294

Protanomaly

23.3890, 0.2500, 0.2278

Deuteranomaly

23.3131, 0.2580, 0.2372

Tritanomaly

23.0873, 0.3025, 0.2792

Monochromacy



Original Color

23.2655, 0.2775, 0.2294

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.9945, 0.2991, 0.2884

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2655, 0.2775, 0.2294 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(150, 119, 187)` looks like.

```
.text, #text, p{  
    color:rgb(150, 119, 187)  
}
```

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(150, 119, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 119, 187) }
```

Border

The CSS property to change the border of an element to Yxy 23.2655, 0.2775, 0.2294 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(150, 119, 187) }
```

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

```
.border{ border-color:rgb(150, 119, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 119, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 119, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 119, 187);  
box-shadow:4px 4px 4px 4px rgb(150, 119,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2655, 0.2775, 0.2294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 119, 187) }
```

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

```
.background{ background-color: rgb(150,  
119, 187) }
```

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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