

Converting Colors

$Y_{xy}(23.2323, 0.3282, 0.2816)$

Have a look what the booklet for
Yxy(23.2323, 0.3282, 0.2816)
contains.

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Color

Yxy(23.3487, 0.3281, 0.2816)

Conversions

Conversions Part 1

Format	Color
Hex	A27897
RGB	162, 120, 151
RGB Percent	64%, 47%, 59%
CMY	0.3647, 0.5294, 0.4077
CMYK	0.00, 0.26, 0.07, 0.36
HSL	316°, 18%, 55%
HSV	316°, 26%, 64%
XYZ	27.2042, 23.3487, 32.3615
YIQ	136.0920, 15.0810, 18.5450

Conversions

Conversions Part 2

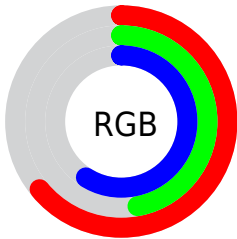
Format	Color
R_{YB}	162, 120, 151
Decimal	10647703
CIE _{Lab}	55.43, 21.62, -10.32
CIE _{LCh}	55, 23.959, 334.496
Yxy	23.3487, 0.3281, 0.2816
Android (android.graphics.Color)	4288837783 (0xFFA27897)
YUV	136.0920, 7.3496, 22.7213
Hunter-Lab	48.3205, 15.9338, -5.8837

Details

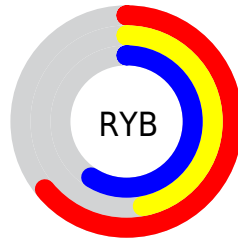
The Yxy color $23.3487, 0.3281, 0.2816$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $31.4720, 0.3003, 0.3816$, and the grayscale version is $24.6254, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.0466, 0.3249, 0.2920$, and $8.7416, 0.3340, 0.2658$ is the 20% darker color. If you saturate the color by 10%, you get $19.6420, 0.3357, 0.2629$, and if you desaturate by 10%, it is $27.7216, 0.3214, 0.3003$.

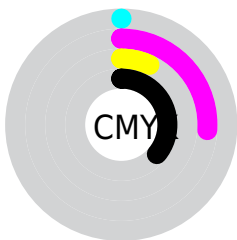
Distribution



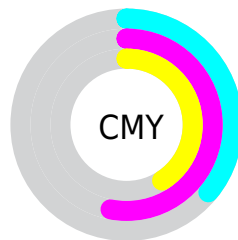
- Red (64%)
- Green (47%)
- Blue (59%)



- Red (64%)
- Yellow (47%)
- Blue (59%)



- Cyan (0%)
- Magenta (26%)
- Yellow (7%)
- Black (36%)





- Cyan (36%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3487, 0.3281, 0.2816 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 23.3487, 0.3281, 0.2816 by changing the saturation by 10% instead.


 23.3487, 0.3281,
0.2816


 23.3487, 0.3281,
0.2816

269.5110, 0.3200,
0.3071


 14.8512, 0.3303,
0.2746


 48.9653, 0.3250,
0.2913

 8.7150, 0.3332,
0.2652


 66.8531, 0.3239,
0.2948

 4.5558, 0.3372,
0.2518


 88.6399, 0.3230,
0.2977

 1.9891, 0.3432,
0.2316

114.7099, 0.3222,
0.3002

 0.6011, 0.3559,
0.1900

145.4476, 0.3215,
0.3023

 0.0000, 0.2162,
0.0000

181.2375, 0.3209,

 0.0000, 0.0000,

0.3041

0.0000

222.4638, 0.3204,
0.3057

■ 23.3487, 0.3281,
0.2816

■ 23.3487, 0.3281,
0.2816

■ 19.6420, 0.3357,
0.2629

■ 27.7216, 0.3214,
0.3003

■ 16.5653, 0.3443,
0.2449

■ 32.7886, 0.3157,
0.3186

■ 14.0834, 0.3537,
0.2286

■ 38.5795, 0.3108,
0.3360

■ 12.1567, 0.3638,
0.2148

■ 45.1217, 0.3067,
0.3524

■ 10.7404, 0.3743,
0.2046

■ 52.4411, 0.3032,
0.3676

■ 9.7830, 0.3848,
0.1987

■ 60.5623, 0.3003,
0.3817

■ 9.2148, 0.3952,
0.1974

■ 69.5088, 0.2978,
0.3946

■ 9.0294, 0.3994,
0.1974

■ 79.3033, 0.2958,
0.4064

■ 82.8810, 0.2937,
0.4067

Harmonies

Analogous

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



23.3487, 0.2860, 0.2644



23.3487, 0.3281, 0.2816



23.3487, 0.3683, 0.3097

Triad

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



23.3487, 0.3281, 0.2816



23.3487, 0.3728, 0.3995



23.3487, 0.2383, 0.3059

Complementary

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



23.3487, 0.3281, 0.2816



31.4720, 0.3003, 0.3816

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.



23.3487, 0.2585, 0.3466



23.3487, 0.3281, 0.2816



23.3487, 0.3355, 0.4041

Square

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



23.3487, 0.3281, 0.2816



23.3487, 0.3946, 0.3760



23.3487, 0.2937, 0.3844



23.3487, 0.2366, 0.2757

Rectangle

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



23.3487, 0.3281, 0.2816



23.3487, 0.3873, 0.3319



23.3487, 0.2937, 0.3844



23.3487, 0.2431, 0.3188

Sweetspot

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



23.3497, 0.3281, 0.2816



57.3651, 0.3169, 0.3146



20.8273, 0.2802, 0.2592



12.5747, 0.3177, 0.3119



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



23.3497, 0.3281, 0.2816



38.4325, 0.3323, 0.2710



22.7397, 0.3530, 0.3126



7.1704, 0.3175, 0.3125



7.1209, 0.3986, 0.1969



0.1567, 0.3652, 0.1785

Inverse Universe

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



23.3497, 0.3281, 0.2816



38.4325, 0.3323, 0.2710



32.0846, 0.2837, 0.3462



7.1704, 0.3175, 0.3125



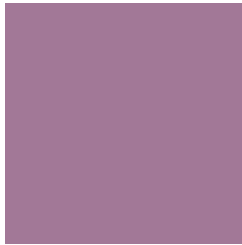
7.1209, 0.3986, 0.1969



0.1567, 0.3652, 0.1785

Previews

White Background



This preview shows how the Yxy color 23.3487, 0.3281, 0.2816 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 23.3487, 0.3281, 0.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

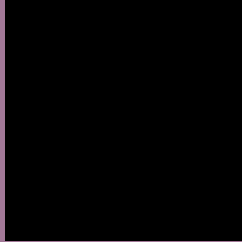
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3487, 0.3281, 0.2816

Background



This preview shows how black text looks on a background with the Yxy color 23.3487, 0.3281, 0.2816.



This preview shows how white text looks on a background with the Yxy color 23.3487, 0.3281, 0.2816.

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

23.3487, 0.3281, 0.2816

Protanopia

23.5178, 0.2806, 0.2837

Deuteranopia

23.5385, 0.3018, 0.2974



Tritanopia

23.3330, 0.3466, 0.3133

Trichromacy



Original Color

23.3487, 0.3281, 0.2816

Protanomaly

23.4141, 0.2969, 0.2834

Deuteranomaly

23.3268, 0.3111, 0.2903

Tritanomaly

23.3896, 0.3396, 0.3010

Monochromacy



Original Color

23.3487, 0.3281, 0.2816

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.9081, 0.3182, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3487, 0.3281, 0.2816 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(162, 120, 151)` looks like.

```
.text, #text, p{  
    color:rgb(162, 120, 151)  
}
```

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(162, 120, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 120, 151) }
```

Border

The CSS property to change the border of an element to Yxy 23.3487, 0.3281, 0.2816 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(162, 120, 151) }
```

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

```
.border{ border-color:rgb(162, 120, 151) }
```

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

Here you see how a box with a 4 pixel rgb(162, 120, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 120, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 120, 151);  
box-shadow:4px 4px 4px 4px rgb(162, 120,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3487, 0.3281, 0.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 120, 151) }
```

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

```
.background{ background-color: rgb(162,  
120, 151) }
```

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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