

Converting Colors

$Y_{xy}(21.6627, 0.3183, 0.2622)$

Have a look what the booklet for
Yxy(21.6627, 0.3183, 0.2622)
contains.

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Color

Yxy(21.6155, 0.3183, 0.2617)

Conversions

Conversions Part 1

Format	Color
Hex	9F719D
RGB	159, 113, 157
RGB Percent	62%, 44%, 62%
CMY	0.3765, 0.5569, 0.3843
CMYK	0.00, 0.29, 0.01, 0.38
HSL	303°, 19%, 53%
HSV	303°, 29%, 62%
XYZ	26.2905, 21.6155, 34.6905
YIQ	131.7700, 13.2920, 23.4360

Conversions

Conversions Part 2

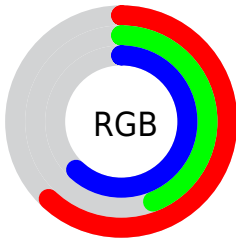
Format	Color
R _{YB}	159, 113, 157
Decimal	10449309
CIE _{Lab}	53.62, 25.71, -16.57
CIE _{LCh}	54, 30.585, 327.196
Yxy	21.6155, 0.3183, 0.2617
Android (android.graphics.Color)	4288639389 (0xFF9F719D)
YUV	131.7700, 12.4384, 23.8807
Hunter-Lab	46.4925, 19.5760, -11.6947

Details

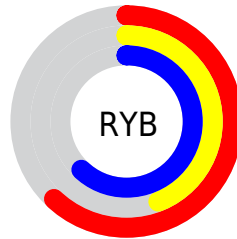
The Yxy color $21.6155, 0.3183, 0.2617$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $29.5463, 0.3072, 0.4070$, and the grayscale version is $22.9388, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.9599, 0.3170, 0.2746$, and $7.8332, 0.3188, 0.2379$ is the 20% darker color. If you saturate the color by 10%, you get $18.3505, 0.3204, 0.2389$, and if you desaturate by 10%, it is $25.5041, 0.3162, 0.2852$.

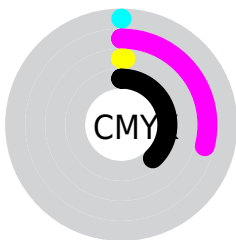
Distribution



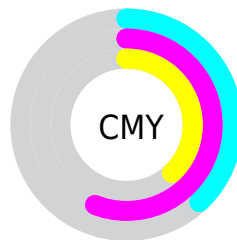
- Red (62%)
- Green (44%)
- Blue (62%)



- Red (62%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (38%)





- Cyan (38%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6155, 0.3183, 0.2617 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 21.6155, 0.3183, 0.2617 by changing the saturation by 10% instead.


 21.6155, 0.3183,
0.2617


 21.6155, 0.3183,
0.2617


260.5317, 0.3159,
0.2977


 13.5746, 0.3187,
0.2519


 46.1097, 0.3176,
0.2754

 7.8254, 0.3190,
0.2388


 63.3318, 0.3172,
0.2804

 3.9834, 0.3191,
0.2204

 84.3831, 0.3170,
0.2845

 1.6643, 0.3183,
0.1931

 109.6480, 0.3167,
0.2880

 0.4004, 0.3224,
0.1267

139.5110, 0.3165,
0.2909

 0.0000, 0.0000,
0.0000

174.3563, 0.3163,

0.2935

214.5684, 0.3161,
0.2958

■ 21.6155, 0.3183,
0.2617

■ 21.6155, 0.3183,
0.2617

■ 18.3505, 0.3204,
0.2389

■ 25.5041, 0.3162,
0.2852

■ 15.6739, 0.3226,
0.2177

■ 30.0435, 0.3143,
0.3086

■ 13.5512, 0.3248,
0.1990

■ 35.2629, 0.3125,
0.3314

■ 11.9433, 0.3268,
0.1835

■ 41.1886, 0.3109,
0.3531

■ 10.8058, 0.3287,
0.1720

■ 47.8458, 0.3095,
0.3735

■ 10.0872, 0.3303,
0.1645

■ 55.2582, 0.3082,
0.3924

■ 9.6817, 0.3318,
0.1606

■ 63.4487, 0.3071,
0.4098

■ 9.6424, 0.3319,
0.1602

■ 72.4389, 0.3061,
0.4256

■ 81.5433, 0.3052,
0.4390

Harmonies

Analogous

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



21.6155, 0.2658, 0.2439



21.6155, 0.3183, 0.2617



21.6155, 0.3738, 0.2940

Triad

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



21.6155, 0.3183, 0.2617



21.6155, 0.3993, 0.4139



21.6155, 0.2213, 0.3096

Complementary

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



21.6155, 0.3183, 0.2617



29.5463, 0.3072, 0.4070

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.



21.6155, 0.2516, 0.3653



21.6155, 0.3183, 0.2617



21.6155, 0.3539, 0.4297

Square

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



21.6155, 0.3183, 0.2617



21.6155, 0.4222, 0.3781



21.6155, 0.2997, 0.4126



21.6155, 0.2137, 0.2666

Rectangle

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



21.6155, 0.3183, 0.2617



21.6155, 0.4030, 0.3208



21.6155, 0.2997, 0.4126



21.6155, 0.2290, 0.3276

Sweetspot

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



21.6165, 0.3183, 0.2617



53.5941, 0.3144, 0.3081



17.9269, 0.2650, 0.2478



11.8140, 0.3146, 0.3048



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



21.6165, 0.3183, 0.2617



34.6540, 0.3197, 0.2462



20.9160, 0.3460, 0.2949



6.7496, 0.3144, 0.3079



7.6170, 0.3318, 0.1602



0.1376, 0.3271, 0.1575

Inverse Universe

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



21.6165, 0.3183, 0.2617



34.6540, 0.3197, 0.2462



30.1303, 0.2886, 0.3660



6.7496, 0.3144, 0.3079



7.6170, 0.3318, 0.1602



0.1376, 0.3271, 0.1575

Previews

White Background



This preview shows how the Yxy color 21.6155, 0.3183, 0.2617 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 21.6155, 0.3183, 0.2617 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 21.6155, 0.3183, 0.2617

Background



This preview shows how black text looks on a background with the Yxy color 21.6155, 0.3183, 0.2617.



This preview shows how white text looks on a background with the Yxy color 21.6155, 0.3183, 0.2617.

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

21.6155, 0.3183, 0.2617

Protanopia

21.8203, 0.2640, 0.2614

Deuteranopia

21.8775, 0.2848, 0.2797



Tritanopia

21.7207, 0.3476, 0.3144

Trichromacy



Original Color

21.6155, 0.3183, 0.2617

Protanomaly

21.5500, 0.2822, 0.2616

Deuteranomaly

21.5640, 0.2957, 0.2715

Tritanomaly

21.6546, 0.3356, 0.2939

Monochromacy



Original Color

21.6155, 0.3183, 0.2617

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.3411, 0.3152, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6155, 0.3183, 0.2617 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(159, 113, 157)` looks like.

```
.text, #text, p{  
    color:rgb(159, 113, 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(159, 113, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 113, 157) }
```

Border

The CSS property to change the border of an element to Yxy 21.6155, 0.3183, 0.2617 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(159, 113, 157) }
```

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

```
.border{ border-color:rgb(159, 113, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 113, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 113, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 113, 157);  
box-shadow:4px 4px 4px 4px rgb(159, 113,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6155, 0.3183, 0.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 113, 157) }
```

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

```
.background{ background-color: rgb(159,  
113, 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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