

Converting Colors

$Y_{xy}(20.5567, 0.3063, 0.2670)$

Have a look what the booklet for
Yxy(20.5567, 0.3063, 0.2670)
contains.

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Color

Yxy(20.5811, 0.3059, 0.2673)

Conversions

Conversions Part 1

Format	Color
Hex	917399
RGB	145, 115, 153
RGB Percent	57%, 45%, 60%
CMY	0.4315, 0.5490, 0.4001
CMYK	0.05, 0.25, 0.00, 0.40
HSL	287°, 16%, 53%
HSV	287°, 25%, 60%
XYZ	23.5532, 20.5811, 32.8620
YIQ	128.3020, 5.6820, 18.1780

Conversions

Conversions Part 2

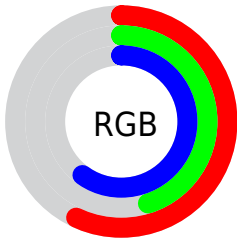
Format	Color
R_{YB}	145, 115, 153
Decimal	9532313
CIE _{Lab}	52.49, 18.85, -16.07
CIE _{LCh}	52, 24.771, 319.546
Yxy	20.5811, 0.3059, 0.2673
Android (android.graphics.Color)	4287722393 (0xFF917399)
YUV	128.3020, 12.1761, 14.6441
Hunter-Lab	45.3664, 13.2818, -11.1913

Details

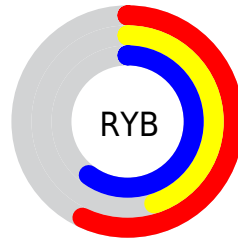
The Yxy color $20.5811, 0.3059, 0.2673$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $28.2292, 0.3175, 0.3956$, and the grayscale version is $21.6519, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.2845, 0.3079, 0.2804$, and $7.3533, 0.3018, 0.2460$ is the 20% darker color. If you saturate the color by 10%, you get $17.0880, 0.3022, 0.2414$, and if you desaturate by 10%, it is $24.6633, 0.3090, 0.2929$.

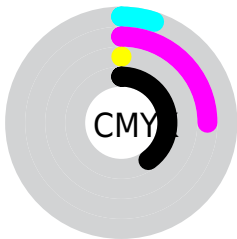
Distribution



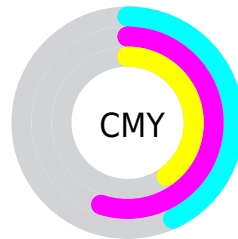
- Red (57%)
- Green (45%)
- Blue (60%)



- Red (57%)
- Yellow (45%)
- Blue (60%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)





- Cyan (43%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.5811, 0.3059, 0.2673 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 20.5811, 0.3059, 0.2673 by changing the saturation by 10% instead.


 20.5811, 0.3059,
0.2673


 20.5811, 0.3059,
0.2673


255.0438, 0.3103,
0.3009


 12.8181, 0.3044,
0.2579


 44.3893, 0.3078,
0.2802

 7.3034, 0.3021,
0.2453


 61.2034, 0.3084,
0.2848

 3.6526, 0.2983,
0.2273

 81.8033, 0.3089,
0.2886

 1.4812, 0.2915,
0.1998

 106.5734, 0.3093,
0.2919

 0.2754, 0.2890,
0.1103

135.8981, 0.3096,
0.2946

 0.0000, 0.0000,
0.0000

170.1618, 0.3099,

0.2970

209.7489, 0.3101,
0.2990

■ 20.5811, 0.3059,
0.2673

■ 20.5811, 0.3059,
0.2673

■ 17.0880, 0.3022,
0.2414

■ 24.6633, 0.3090,
0.2929

■ 14.1529, 0.2980,
0.2161

■ 29.3587, 0.3116,
0.3176

■ 11.7455, 0.2932,
0.1922

■ 34.6932, 0.3138,
0.3409

■ 9.8318, 0.2881,
0.1708

■ 40.6903, 0.3154,
0.3626

■ 8.3735, 0.2826,
0.1528

■ 47.3725, 0.3168,
0.3827

7.3270, 0.2771,
0.1390

54.7610, 0.3178,
0.4010

6.6368, 0.2716,
0.1295

62.8763, 0.3185,
0.4176

6.3432, 0.2688,
0.1254

71.7380, 0.3190,
0.4326

81.3648, 0.3194,
0.4461

Harmonies

Analogous

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



20.5811, 0.2646, 0.2562



20.5811, 0.3059, 0.2673



20.5811, 0.3522, 0.2921

Triad

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



20.5811, 0.3059, 0.2673



20.5811, 0.3917, 0.3939



20.5811, 0.2413, 0.3250

Complementary

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



20.5811, 0.3059, 0.2673



28.2292, 0.3175, 0.3956

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.



20.5811, 0.2715, 0.3699



20.5811, 0.3059, 0.2673



20.5811, 0.3584, 0.4107

Square

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



20.5811, 0.3059, 0.2673



20.5811, 0.4037, 0.3622



20.5811, 0.3142, 0.4029



20.5811, 0.2295, 0.2856

Rectangle

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



20.5811, 0.3059, 0.2673



20.5811, 0.3787, 0.3139



20.5811, 0.3142, 0.4029



20.5811, 0.2495, 0.3401

Sweetspot

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



20.5820, 0.3059, 0.2673



50.5379, 0.3111, 0.3120



20.1716, 0.2728, 0.2760



11.0604, 0.3110, 0.3107



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.



20.5820, 0.3059, 0.2673



33.1287, 0.3038, 0.2523



20.9959, 0.3282, 0.2852



6.2579, 0.3106, 0.3068



5.2582, 0.2692, 0.1256



0.0933, 0.2938, 0.1392

Inverse Universe

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



20.4668, 0.3525, 0.3158



32.9215, 0.3650, 0.3126



27.9245, 0.3001, 0.3773



6.2430, 0.3252, 0.3243



5.6889, 0.5996, 0.3077



0.0896, 0.5032, 0.2546

Previews

White Background



This preview shows how the Yxy color 20.5811, 0.3059, 0.2673 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 20.5811, 0.3059, 0.2673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

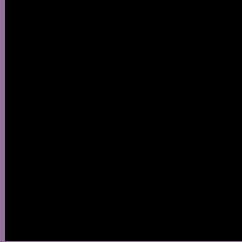
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.5811, 0.3059, 0.2673

Background



This preview shows how black text looks on a background with the Yxy color 20.5811, 0.3059, 0.2673.



This preview shows how white text looks on a background with the Yxy color 20.5811, 0.3059, 0.2673.

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

20.5811, 0.3059, 0.2673

Protanopia

20.7004, 0.2694, 0.2681

Deuteranopia

20.7929, 0.2843, 0.2787



Tritanopia

20.4414, 0.3286, 0.3118

Trichromacy



Original Color

20.5811, 0.3059, 0.2673

Protanomaly

20.6211, 0.2814, 0.2677

Deuteranomaly

20.6055, 0.2919, 0.2746

Tritanomaly

20.5426, 0.3193, 0.2951

Monochromacy



Original Color

20.5811, 0.3059, 0.2673

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.0404, 0.3103, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.5811, 0.3059, 0.2673 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(145, 115, 153)` looks like.

```
.text, #text, p{  
    color:rgb(145, 115, 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(145, 115, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 115, 153) }
```

Border

The CSS property to change the border of an element to Yxy 20.5811, 0.3059, 0.2673 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(145, 115, 153) }
```

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

```
.border{ border-color:rgb(145, 115, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 115, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 115, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 115, 153);  
box-shadow:4px 4px 4px 4px rgb(145, 115,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 20.5811, 0.3059, 0.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 115, 153) }
```

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

```
.background{ background-color: rgb(145,  
115, 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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