

Converting Colors

$Y_{xy}(19.2639, 0.3411, 0.2573)$

Have a look what the booklet for
Yxy(19.2639, 0.3411, 0.2573)
contains.

Yxy(19.3279, 0.3413, 0.2582)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.3279, 0.3413, 0.2582)

Conversions

Conversions Part 1

Format	Color
Hex	A66493
RGB	166, 100, 147
RGB Percent	65%, 39%, 58%
CMY	0.3490, 0.6078, 0.4236
CMYK	0.00, 0.40, 0.11, 0.35
HSL	317°, 27%, 52%
HSV	317°, 40%, 65%
XYZ	25.5485, 19.3279, 29.9800
YIQ	125.0920, 24.2490, 28.6090

Conversions

Conversions Part 2

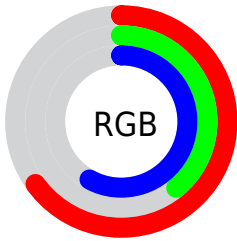
Format	Color
R_{YB}	166, 100, 147
Decimal	10904723
CIE _{Lab}	51.07, 33.60, -14.48
CIE _{LCh}	51, 36.583, 336.688
Yxy	19.3279, 0.3413, 0.2582
Android (android.graphics.Color)	4289094803 (0xFFA66493)
YUV	125.0920, 10.8006, 35.8763
Hunter-Lab	43.9635, 26.7953, -9.6571

Details

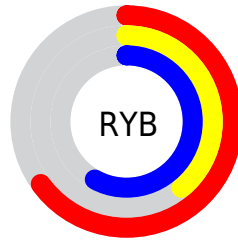
The Yxy color **19.3279, 0.3413, 0.2582** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **31.3153, 0.2929, 0.4127**, and the grayscale version is **20.4981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2031, 0.3353, 0.2727**, and **6.7229, 0.3526, 0.2346** is the 20% darker color. If you saturate the color by 10%, you get **16.3150, 0.3511, 0.2412**, and if you desaturate by 10%, it is **22.9976, 0.3325, 0.2762**.

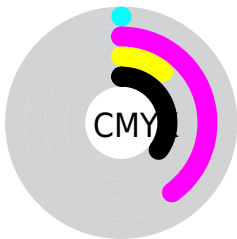
Distribution



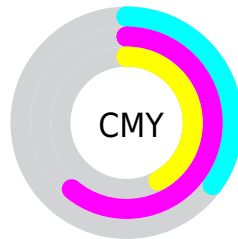
- Red (65%)
- Green (39%)
- Blue (58%)



- Red (65%)
- Yellow (39%)
- Blue (58%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (35%)




- Cyan (35%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3279, 0.3413, 0.2582 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 19.3279, 0.3413, 0.2582 by changing the saturation by 10% instead.


 19.3279, 0.3413,
0.2582


 19.3279, 0.3413,
0.2582


248.2530, 0.3259,
0.2966


 11.9074, 0.3455,
0.2476


 42.2874, 0.3355,
0.2729


 6.6807, 0.3511,
0.2333


 58.5953, 0.3333,
0.2782

 3.2632, 0.3590,
0.2130

 78.6345, 0.3316,
0.2826

 1.2706, 0.3706,
0.1825

 102.7893, 0.3301,
0.2862

 0.1183, 0.4242,
0.0536

131.4441, 0.3288,
0.2894

 0.0000, 0.0000,
0.0000

164.9835, 0.3277,

0.2921

203.7916, 0.3268,
0.2945

■ 19.3279, 0.3413,
0.2582

■ 19.3279, 0.3413,
0.2582

■ 16.3150, 0.3511,
0.2412

■ 22.9976, 0.3325,
0.2762

■ 13.9165, 0.3620,
0.2262

■ 27.3579, 0.3248,
0.2944

■ 12.0892, 0.3735,
0.2142


■ 32.4434, 0.3182,
0.3123

■ 10.7832, 0.3854,
0.2060


■ 38.2855, 0.3126,
0.3294

■ 9.9398, 0.3973,
0.2025

■ 44.9138, 0.3078,
0.3456

 9.4305, 0.4090,
0.2028

 52.3564, 0.3038,
0.3607

 9.4190, 0.4093,
0.2029

 60.6400, 0.3004,
0.3747

 69.7900, 0.2976,
0.3876

 79.8306, 0.2953,
0.3994

Harmonies

Analogous

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



19.3279, 0.2733, 0.2310



19.3279, 0.3413, 0.2582



19.3279, 0.4073, 0.3004

Triad

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



19.3279, 0.3413, 0.2582



19.3279, 0.4022, 0.4424



19.3279, 0.1959, 0.2841

Complementary

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



19.3279, 0.3413, 0.2582



31.3153, 0.2929, 0.4127

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.



19.3279, 0.2230, 0.3510



19.3279, 0.3413, 0.2582



19.3279, 0.3407, 0.4538

Square

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



19.3279, 0.3413, 0.2582



19.3279, 0.4421, 0.4017



19.3279, 0.2751, 0.4193



19.3279, 0.1961, 0.2407

Rectangle

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



19.3279, 0.3413, 0.2582



19.3279, 0.4372, 0.3335



19.3279, 0.2751, 0.4193



19.3279, 0.2019, 0.3044

Sweetspot

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



19.3288, 0.3413, 0.2582



56.4778, 0.3198, 0.3079



15.7700, 0.2608, 0.2163



12.3758, 0.3206, 0.3057



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



19.3288, 0.3413, 0.2582



30.0369, 0.3503, 0.2426



18.4447, 0.3882, 0.3068



7.6292, 0.3180, 0.3131



7.3121, 0.4083, 0.2023



0.1861, 0.3736, 0.1832

Inverse Universe

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



19.3288, 0.3413, 0.2582



30.0369, 0.3503, 0.2426



32.2400, 0.2688, 0.3532



7.6292, 0.3180, 0.3131



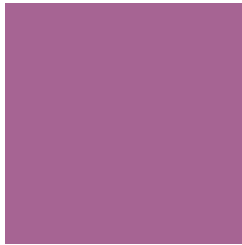
7.3121, 0.4083, 0.2023



0.1861, 0.3736, 0.1832

Previews

White Background



This preview shows how the Yxy color 19.3279, 0.3413, 0.2582 looks on a white background.

Color Contrast Check

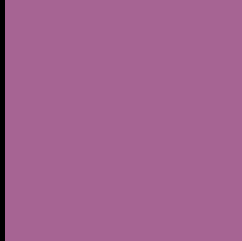
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3279, 0.3413, 0.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

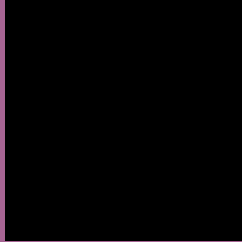
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3279, 0.3413, 0.2582

Background



This preview shows how black text looks on a background with the Yxy color 19.3279, 0.3413, 0.2582.



This preview shows how white text looks on a background with the Yxy color 19.3279, 0.3413, 0.2582.

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

19.3279, 0.3413, 0.2582

Protanopia

19.6629, 0.2603, 0.2570

Deuteranopia

19.4182, 0.2899, 0.2843



Tritanopia

19.2044, 0.3804, 0.3164

Trichromacy



Original Color

19.3279, 0.3413, 0.2582

Protanomaly

19.0699, 0.2852, 0.2547

Deuteranomaly

19.1216, 0.3078, 0.2731

Tritanomaly

19.1935, 0.3653, 0.2944

Monochromacy



Original Color

19.3279, 0.3413, 0.2582

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.7597, 0.3230, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3279, 0.3413, 0.2582 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(166, 100, 147)` looks like.

```
.text, #text, p{  
    color:rgb(166, 100, 147)  
}
```

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(166, 100, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 100, 147) }
```

Border

The CSS property to change the border of an element to Yxy 19.3279, 0.3413, 0.2582 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(166, 100, 147) }
```

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

```
.border{ border-color:rgb(166, 100, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 100, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 100, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 100, 147);  
box-shadow:4px 4px 4px 4px rgb(166, 100,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3279, 0.3413, 0.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 100, 147) }
```

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

```
.background{ background-color: rgb(166,  
100, 147) }
```

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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