

Converting Colors

$Y_{xy}(19.0792, 0.3162, 0.2267)$

Have a look what the booklet for
Yxy(19.0792, 0.3162, 0.2267)
contains.

Yxy(19.1182, 0.3162, 0.2274)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.1182, 0.3162, 0.2274)

Conversions

Conversions Part 1

Format	Color
Hex	A560A6
RGB	165, 96, 166
RGB Percent	65%, 38%, 65%
CMY	0.3529, 0.6235, 0.3490
CMYK	0.01, 0.42, 0.00, 0.35
HSL	299°, 28%, 51%
HSV	299°, 42%, 65%
XYZ	26.5839, 19.1182, 38.3709
YIQ	124.6110, 18.6540, 36.3980

Conversions

Conversions Part 2

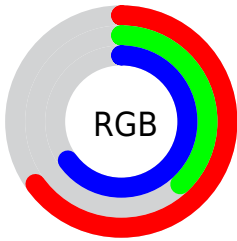
Format	Color
R_{YB}	165, 96, 166
Decimal	10838182
CIE Lab	50.83, 38.95, -26.05
CIE LCh	51, 46.857, 326.221
Yxy	19.1182, 0.3162, 0.2274
Android (android.graphics.Color)	4289028262 (0xFFA560A6)
YUV	124.6110, 20.4048, 35.4212
Hunter-Lab	43.7244, 32.0082, -21.4237

Details

The Yxy color **19.1182, 0.3162, 0.2274** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **30.6632, 0.3076, 0.4560**, and the grayscale version is **20.2969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7724, 0.3165, 0.2473**, and **6.5484, 0.3132, 0.1941** is the 20% darker color. If you saturate the color by 10%, you get **16.3773, 0.3168, 0.2061**, and if you desaturate by 10%, it is **22.5005, 0.3155, 0.2507**.

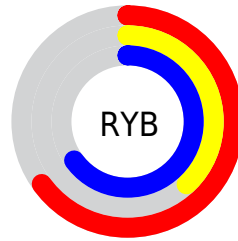
Distribution



Red (65%)

Green (38%)

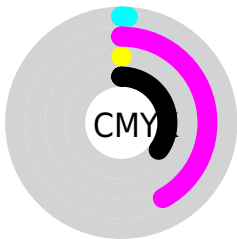
Blue (65%)



Red (65%)

Yellow (38%)

Blue (65%)

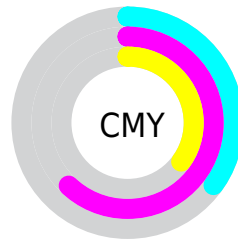


Cyan (1%)

Magenta (42%)

Yellow (0%)

Black (35%)



Cyan (35%)


Magenta (62%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1182, 0.3162, 0.2274 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 19.1182, 0.3162, 0.2274 by changing the saturation by 10% instead.


 19.1182, 0.3162,
0.2274


 19.1182, 0.3162,
0.2274


247.1005, 0.3159,
0.2810


 11.7557, 0.3156,
0.2133


 41.9337, 0.3165,
0.2475


 6.5776, 0.3144,
0.1948


 58.1556, 0.3165,
0.2548

 3.1993, 0.3117,
0.1698

 78.0993, 0.3165,
0.2610

 1.2367, 0.3056,
0.1346

 102.1494, 0.3164,
0.2662

 0.0914, 0.3083,
0.0267

130.6901, 0.3163,
0.2707

 0.0000, 0.0000,
0.0000

164.1060, 0.3161,

0.2745

202.7813, 0.3160,
0.2780

■ 19.1182, 0.3162,
0.2274

■ 19.1182, 0.3162,
0.2274

■ 16.3773, 0.3168,
0.2061

■ 22.5005, 0.3155,
0.2507

■ 14.2347, 0.3173,
0.1876

■ 26.5587, 0.3147,
0.2751

■ 12.6458, 0.3175,
0.1728

■ 31.3278, 0.3138,
0.2997

■ 11.5591, 0.3176,
0.1620


■ 36.8399, 0.3129,
0.3239

■ 10.9132, 0.3175,
0.1554

■ 43.1249, 0.3120,
0.3471

 10.6056, 0.3174,
0.1522

 50.2112, 0.3112,
0.3689

 58.1255, 0.3104,
0.3892

 66.8936, 0.3096,
0.4079

 76.5401, 0.3089,
0.4250

Harmonies

Analogous

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



19.1182, 0.2370, 0.2025



19.1182, 0.3162, 0.2274



19.1182, 0.4065, 0.2724

Triad

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



19.1182, 0.3162, 0.2274



19.1182, 0.4441, 0.4525



19.1182, 0.1752, 0.2959

Complementary

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



19.1182, 0.3162, 0.2274



30.6632, 0.3076, 0.4560

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.



19.1182, 0.2180, 0.3903



19.1182, 0.3162, 0.2274



19.1182, 0.3727, 0.4905

Square

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



19.1182, 0.3162, 0.2274



19.1182, 0.4836, 0.3924



19.1182, 0.2900, 0.4718



19.1182, 0.1654, 0.2313

Rectangle

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



19.1182, 0.3162, 0.2274



19.1182, 0.4552, 0.3099



19.1182, 0.2900, 0.4718



19.1182, 0.1857, 0.3252

Sweetspot

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



19.1190, 0.3162, 0.2274



55.8596, 0.3139, 0.2971



13.8208, 0.2362, 0.2041



12.0673, 0.3141, 0.2918



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.



19.1190, 0.3162, 0.2274



29.8184, 0.3168, 0.2065



18.1448, 0.3630, 0.2734



7.6610, 0.3135, 0.3067



8.2247, 0.3174, 0.1522



0.2018, 0.3186, 0.1529

Inverse Universe

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



17.3374, 0.4172, 0.3277



26.1428, 0.4562, 0.3275



31.3710, 0.2818, 0.3932



7.5440, 0.3283, 0.3287



6.2913, 0.6381, 0.3289



0.1536, 0.6290, 0.3239

Previews

White Background



This preview shows how the Yxy color 19.1182, 0.3162, 0.2274 looks on a white background.

Color Contrast Check

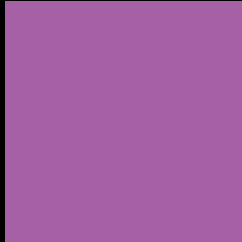
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1182, 0.3162, 0.2274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

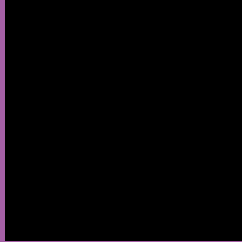
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1182, 0.3162, 0.2274

Background



This preview shows how black text looks on a background with the Yxy color 19.1182, 0.3162, 0.2274.



This preview shows how white text looks on a background with the Yxy color 19.1182, 0.3162, 0.2274.

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

19.1182, 0.3162, 0.2274

Protanopia

19.2931, 0.2311, 0.2187

Deuteranopia

19.4211, 0.2601, 0.2552



Tritanopia

19.0223, 0.3731, 0.3161

Trichromacy



Original Color

19.1182, 0.3162, 0.2274

Protanomaly

18.7208, 0.2557, 0.2201

Deuteranomaly

18.8385, 0.2789, 0.2426

Tritanomaly

18.9988, 0.3517, 0.2802

Monochromacy



Original Color

19.1182, 0.3162, 0.2274

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.5035, 0.3148, 0.2847

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1182, 0.3162, 0.2274 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(165, 96, 166)` looks like.

```
.text, #text, p{  
  color:rgb(165, 96, 166)  
}
```

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(165, 96, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 96, 166) }
```

Border

The CSS property to change the border of an element to Yxy 19.1182, 0.3162, 0.2274 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(165, 96, 166) }
```

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

```
.border{ border-color:rgb(165, 96, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 96, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 96, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 96, 166);  
box-shadow:4px 4px 4px 4px rgb(165, 96,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1182, 0.3162, 0.2274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 96, 166) }
```

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

```
.background{ background-color: rgb(165, 96,  
166) }
```

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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