

Converting Colors

$Y_{xy}(22.8228, 0.3061, 0.2642)$

Have a look what the booklet for
Yxy(22.8228, 0.3061, 0.2642)
contains.

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Color

Yxy(22.9116, 0.3065, 0.2643)

Conversions

Conversions Part 1

Format	Color
Hex	9A78A2
RGB	154, 120, 162
RGB Percent	60%, 47%, 64%
CMY	0.3959, 0.5295, 0.3647
CMYK	0.05, 0.26, 0.00, 0.36
HSL	289°, 18%, 55%
HSV	289°, 26%, 64%
XYZ	26.5698, 22.9116, 37.2064
YIQ	134.9540, 6.7820, 20.2700

Conversions

Conversions Part 2

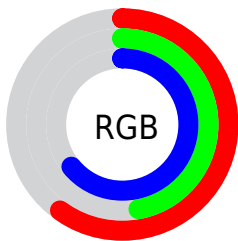
Format	Color
R_{YB}	154, 120, 162
Decimal	10123426
CIE _{Lab}	54.98, 20.98, -17.44
CIE _{LCh}	55, 27.281, 320.254
Yxy	22.9116, 0.3065, 0.2643
Android (android.graphics.Color)	4288313506 (0xFF9A78A2)
YUV	134.9540, 13.3337, 16.7033
Hunter-Lab	47.8661, 15.3174, -12.5800

Details

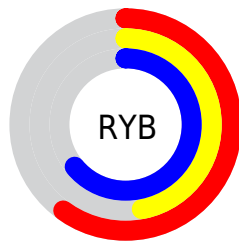
The Yxy color $22.9116, 0.3065, 0.2643$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $31.7840, 0.3168, 0.3995$, and the grayscale version is $24.1598, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.4522, 0.3083, 0.2779$, and $8.4570, 0.3028, 0.2428$ is the 20% darker color. If you saturate the color by 10%, you get $19.0427, 0.3032, 0.2385$, and if you desaturate by 10%, it is $27.4494, 0.3093, 0.2900$.

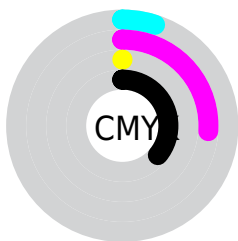
Distribution



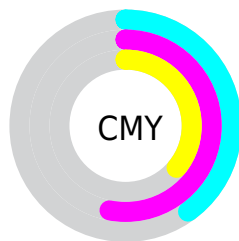
- Red (60%)
- Green (47%)
- Blue (64%)



- Red (60%)
- Yellow (47%)
- Blue (64%)



- Cyan (5%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9116, 0.3065, 0.2643 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 22.9116, 0.3065, 0.2643 by changing the saturation by 10% instead.

■ 22.9116, 0.3065,
0.2643

■ 22.9116, 0.3065,
0.2643

267.2706, 0.3106,
0.2988

■ 14.5282, 0.3051,
0.2550

■ 48.2481, 0.3082,
0.2774

■ 8.4890, 0.3030,
0.2425

■ 65.9701, 0.3088,
0.2821

■ 4.4094, 0.2996,
0.2251

■ 87.5737, 0.3093,
0.2861

■ 1.9051, 0.2936,
0.1994

113.4434, 0.3096,
0.2894

■ 0.5514, 0.2841,
0.1490

143.9636, 0.3099,
0.2923

■ 0.0000, 0.0000,
0.0000

179.5185, 0.3102,

0.2947

220.4928, 0.3104,
0.2969

■ 22.9116, 0.3065,
0.2643

■ 22.9116, 0.3065,
0.2643

■ 19.0427, 0.3032,
0.2385

■ 27.4494, 0.3093,
0.2900

■ 15.8066, 0.2994,
0.2135

■ 32.6842, 0.3116,
0.3148

■ 13.1680, 0.2952,
0.1901

■ 38.6457, 0.3134,
0.3384

■ 11.0874, 0.2906,
0.1695

■ 45.3613, 0.3149,
0.3605

■ 9.5200, 0.2857,
0.1525

■ 52.8570, 0.3160,
0.3808

8.4142, 0.2807,
0.1397

61.1572, 0.3168,
0.3995

7.7002, 0.2758,
0.1312

70.2857, 0.3174,
0.4164

7.4567, 0.2738,
0.1282

80.2649, 0.3178,
0.4317

84.0359, 0.3191,
0.4361

Harmonies

Analogous

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



22.9116, 0.2625, 0.2521



22.9116, 0.3065, 0.2643



22.9116, 0.3557, 0.2907

Triad

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



22.9116, 0.3065, 0.2643



22.9116, 0.3958, 0.3982



22.9116, 0.2365, 0.3234

Complementary

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



22.9116, 0.3065, 0.2643



31.7840, 0.3168, 0.3995

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.



22.9116, 0.2680, 0.3716



22.9116, 0.3065, 0.2643



22.9116, 0.3599, 0.4160

Square

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



22.9116, 0.3065, 0.2643



22.9116, 0.4094, 0.3647



22.9116, 0.3129, 0.4074



22.9116, 0.2247, 0.2819

Rectangle

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



22.9116, 0.3065, 0.2643



22.9116, 0.3838, 0.3137



22.9116, 0.3129, 0.4074



22.9116, 0.2450, 0.3395

Sweetspot

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



22.9126, 0.3065, 0.2643



57.1134, 0.3111, 0.3094



22.1418, 0.2705, 0.2718



12.5082, 0.3108, 0.3058



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.



22.9126, 0.3065, 0.2643



37.4759, 0.3047, 0.2497



23.2948, 0.3300, 0.2839



7.1340, 0.3109, 0.3066



5.8917, 0.2742, 0.1284



0.1403, 0.2923, 0.1384

Inverse Universe

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



22.6694, 0.3562, 0.3165



37.0000, 0.3692, 0.3137



31.5169, 0.2989, 0.3788



7.1069, 0.3256, 0.3248



6.1334, 0.6062, 0.3113



0.1346, 0.5210, 0.2644

Previews

White Background



This preview shows how the Yxy color 22.9116, 0.3065, 0.2643 looks on a white background.

Color Contrast Check

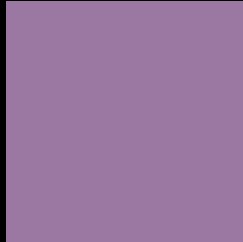
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9116, 0.3065, 0.2643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

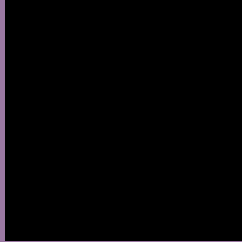
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9116, 0.3065, 0.2643

Background



This preview shows how black text looks on a background with the Yxy color 22.9116, 0.3065, 0.2643.



This preview shows how white text looks on a background with the Yxy color 22.9116, 0.3065, 0.2643.

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

22.9116, 0.3065, 0.2643

Protanopia

22.9674, 0.2667, 0.2643

Deuteranopia

22.9844, 0.2825, 0.2774



Tritanopia

22.9005, 0.3315, 0.3126

Trichromacy



Original Color

22.9116, 0.3065, 0.2643

Protanomaly

22.7432, 0.2807, 0.2641

Deuteranomaly

22.9839, 0.2908, 0.2724

Tritanomaly

22.7896, 0.3215, 0.2936

Monochromacy



Original Color

22.9116, 0.3065, 0.2643

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.7604, 0.3105, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9116, 0.3065, 0.2643 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(154, 120, 162)` looks like.

```
.text, #text, p{  
    color:rgb(154, 120, 162)  
}
```

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(154, 120, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 120, 162) }
```

Border

The CSS property to change the border of an element to Yxy 22.9116, 0.3065, 0.2643 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(154, 120, 162) }
```

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

```
.border{ border-color:rgb(154, 120, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 120, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 120, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 120, 162);  
box-shadow:4px 4px 4px 4px rgb(154, 120,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9116, 0.3065, 0.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 120, 162) }
```

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

```
.background{ background-color: rgb(154,  
120, 162) }
```

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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