

Converting Colors

$Y_{xy}(23.4192, 0.3037, 0.2713)$

Have a look what the booklet for
Yxy(23.4192, 0.3037, 0.2713)
contains.

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Color

Yxy(23.4725, 0.3029, 0.2712)

Conversions

Conversions Part 1

Format	Color
Hex	967CA1
RGB	150, 124, 161
RGB Percent	59%, 49%, 63%
CMY	0.4118, 0.5137, 0.3687
CMYK	0.07, 0.23, 0.00, 0.37
HSL	282°, 16%, 56%
HSV	282°, 23%, 63%
XYZ	26.2162, 23.4725, 36.8619
YIQ	135.9920, 3.6190, 17.0190

Conversions

Conversions Part 2

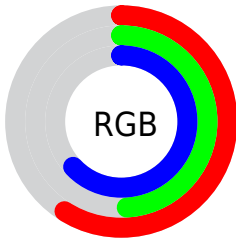
Format	Color
R_{YB}	150, 124, 161
Decimal	9862305
CIE Lab	55.56, 17.04, -16.02
CIE LCh	56, 23.389, 316.772
Yxy	23.4725, 0.3029, 0.2712
Android (android.graphics.Color)	4288052385 (0xFF967CA1)
YUV	135.9920, 12.3289, 12.2850
Hunter-Lab	48.4484, 11.8042, -11.1968

Details

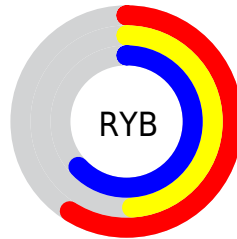
The Yxy color $23.4725, 0.3029, 0.2712$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $32.0930, 0.3203, 0.3897$, and the grayscale version is $24.5695, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.2395, 0.3048, 0.2831$, and $8.7889, 0.2993, 0.2524$ is the 20% darker color. If you saturate the color by 10%, you get $19.3172, 0.2974, 0.2445$, and if you desaturate by 10%, it is $28.3072, 0.3077, 0.2972$.

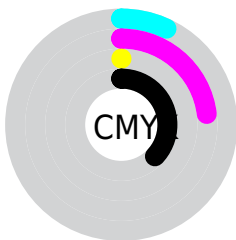
Distribution



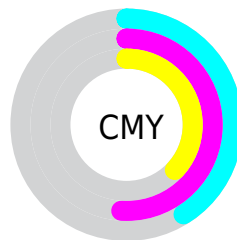
- Red (59%)
- Green (49%)
- Blue (63%)



- Red (59%)
- Yellow (49%)
- Blue (63%)



- Cyan (7%)
- Magenta (23%)
- Yellow (0%)
- Black (37%)




- Cyan (41%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4725, 0.3029, 0.2712 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 23.4725, 0.3029, 0.2712 by changing the saturation by 10% instead.


 23.4725, 0.3029,
0.2712


 23.4725, 0.3029,
0.2712


270.1427, 0.3088,
0.3021


 14.9428, 0.3010,
0.2628


 49.1680, 0.3053,
0.2830

 8.7792, 0.2984,
0.2515


 67.1026, 0.3061,
0.2872

 4.5975, 0.2942,
0.2357

 88.9409, 0.3068,
0.2908

 2.0131, 0.2872,
0.2120

115.0674, 0.3073,
0.2937

 0.6151, 0.2752,
0.1674

145.8664, 0.3078,
0.2963

 0.0000, 0.0000,
0.0000

181.7224, 0.3082,

0.2985

223.0197, 0.3085,
0.3004

■ 23.4725, 0.3029,
0.2712

■ 23.4725, 0.3029,
0.2712

■ 19.3172, 0.2974,
0.2445

■ 28.3072, 0.3077,
0.2972

■ 15.8060, 0.2911,
0.2178

■ 33.8482, 0.3117,
0.3220

■ 12.9052, 0.2841,
0.1921

■ 40.1246, 0.3150,
0.3451

■ 10.5766, 0.2766,
0.1685

■ 47.1631, 0.3177,
0.3664

■ 8.7778, 0.2687,
0.1481

■ 54.9889, 0.3199,
0.3859

7.4599, 0.2607,
0.1318

63.6262, 0.3216,
0.4036

6.5652, 0.2530,
0.1202

73.0978, 0.3230,
0.4195

6.0909, 0.2476,
0.1138

83.4261, 0.3241,
0.4339

85.4411, 0.3268,
0.4349

Harmonies

Analogous

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



23.4725, 0.2662, 0.2625



23.4725, 0.3029, 0.2712



23.4725, 0.3448, 0.2929

Triad

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



23.4725, 0.3029, 0.2712



23.4725, 0.3862, 0.3859



23.4725, 0.2497, 0.3294

Complementary

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



23.4725, 0.3029, 0.2712



32.0930, 0.3203, 0.3897

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.



23.4725, 0.2788, 0.3692



23.4725, 0.3029, 0.2712



23.4725, 0.3577, 0.4022

Square

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



23.4725, 0.3029, 0.2712



23.4725, 0.3947, 0.3567



23.4725, 0.3182, 0.3970



23.4725, 0.2372, 0.2928

Rectangle

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



23.4725, 0.3029, 0.2712



23.4725, 0.3694, 0.3126



23.4725, 0.3182, 0.3970



23.4725, 0.2578, 0.3431

Sweetspot

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



23.4735, 0.3029, 0.2712



56.3416, 0.3101, 0.3118



24.2152, 0.2763, 0.2856



12.2389, 0.3099, 0.3105



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.



23.4735, 0.3029, 0.2712



37.7634, 0.2999, 0.2564



24.3130, 0.3235, 0.2839



7.0959, 0.3092, 0.3065



4.8871, 0.2482, 0.1141



0.1253, 0.2759, 0.1294

Inverse Universe

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



23.7429, 0.3451, 0.3118



38.3850, 0.3554, 0.3074



31.4215, 0.3035, 0.3788



7.1190, 0.3240, 0.3223



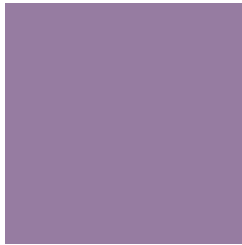
6.2277, 0.5725, 0.2927



0.1388, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 23.4725, 0.3029, 0.2712 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 23.4725, 0.3029, 0.2712 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 23.4725, 0.3029, 0.2712

Background



This preview shows how black text looks on a background with the Yxy color 23.4725, 0.3029, 0.2712.



This preview shows how white text looks on a background with the Yxy color 23.4725, 0.3029, 0.2712.

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

23.4725, 0.3029, 0.2712

Protanopia

23.6157, 0.2724, 0.2727

Deuteranopia

23.4899, 0.2857, 0.2796



Tritanopia

23.4764, 0.3241, 0.3126

Trichromacy



Original Color

23.4725, 0.3029, 0.2712

Protanomaly

23.4492, 0.2829, 0.2720

Deuteranomaly

23.4654, 0.2919, 0.2772

Tritanomaly

23.5500, 0.3165, 0.2982

Monochromacy



Original Color

23.4725, 0.3029, 0.2712

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.2096, 0.3092, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4725, 0.3029, 0.2712 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(150, 124, 161)` looks like.

```
.text, #text, p{  
    color:rgb(150, 124, 161)  
}
```

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(150, 124, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 124, 161) }
```

Border

The CSS property to change the border of an element to Yxy 23.4725, 0.3029, 0.2712 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(150, 124, 161) }
```

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

```
.border{ border-color:rgb(150, 124, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 124, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 124, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 124, 161);  
box-shadow:4px 4px 4px 4px rgb(150, 124,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4725, 0.3029, 0.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 124, 161) }
```

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

```
.background{ background-color: rgb(150,  
124, 161) }
```

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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