

Converting Colors

$Y_{xy}(24.7227, 0.3054, 0.2694)$

Have a look what the booklet for
Yxy(24.7227, 0.3054, 0.2694)
contains.

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Color

Yxy(24.7062, 0.3054, 0.2698)

Conversions

Conversions Part 1

Format	Color
Hex	9C7EA5
RGB	156, 126, 165
RGB Percent	61%, 49%, 65%
CMY	0.3882, 0.5059, 0.3529
CMYK	0.05, 0.24, 0.00, 0.35
HSL	286°, 18%, 57%
HSV	286°, 24%, 65%
XYZ	27.9662, 24.7062, 38.8999
YIQ	139.4160, 5.3610, 18.4890

Conversions

Conversions Part 2

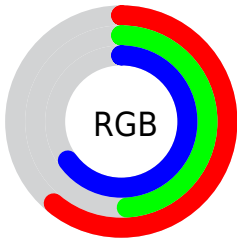
Format	Color
R _Y B	156, 126, 165
Decimal	10256037
CIE Lab	56.79, 18.82, -16.42
CIE LCh	57, 24.972, 318.896
Yxy	24.7062, 0.3054, 0.2698
Android (android.graphics.Color)	4288446117 (0xFF9C7EA5)
YUV	139.4160, 12.6129, 14.5442
Hunter-Lab	49.7053, 13.4468, -11.6072

Details

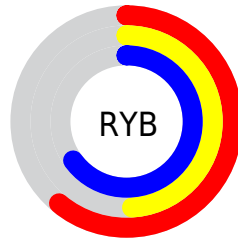
The Yxy color $24.7062, 0.3054, 0.2698$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $33.5731, 0.3180, 0.3923$, and the grayscale version is $25.9375, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.2564, 0.3075, 0.2819$, and $9.4431, 0.3014, 0.2509$ is the 20% darker color. If you saturate the color by 10%, you get $20.4558, 0.3013, 0.2436$, and if you desaturate by 10%, it is $29.6667, 0.3089, 0.2956$.

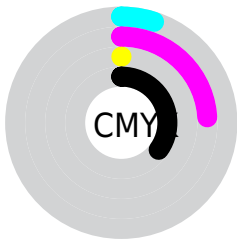
Distribution



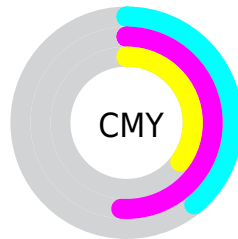
- Red (61%)
- Green (49%)
- Blue (65%)



- Red (61%)
- Yellow (49%)
- Blue (65%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (35%)




- Cyan (39%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7062, 0.3054, 0.2698 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 24.7062, 0.3054, 0.2698 by changing the saturation by 10% instead.


 24.7062, 0.3054,
0.2698


 24.7062, 0.3054,
0.2698


276.3716, 0.3099,
0.3012


 15.8583, 0.3039,
0.2614


 51.1802, 0.3073,
0.2816

 9.4239, 0.3018,
0.2502


 69.5751, 0.3079,
0.2859

 5.0187, 0.2985,
0.2347


 91.9211, 0.3084,
0.2895

 2.2583, 0.2928,
0.2117

118.6026, 0.3088,
0.2926

 0.7515, 0.2820,
0.1738

150.0040, 0.3092,
0.2952

 0.0000, 0.1376,
0.0000

186.5097, 0.3095,

 0.0000, 0.0000,

0.2975

0.0000

228.5041, 0.3097,
0.2994

■ 24.7062, 0.3054,
0.2698

■ 24.7062, 0.3054,
0.2698

■ 20.4558, 0.3013,
0.2436

■ 29.6667, 0.3089,
0.2956

■ 16.8782, 0.2966,
0.2177

■ 35.3660, 0.3118,
0.3203

■ 13.9373, 0.2913,
0.1932

■ 41.8351, 0.3142,
0.3436

■ 11.5924, 0.2856,
0.1710

■ 49.1022, 0.3161,
0.3652

■ 9.7979, 0.2796,
0.1523

■ 57.1941, 0.3176,
0.3851

■ 8.5018, 0.2735,
0.1377

■ 66.1365, 0.3187,
0.4032

■ 7.6416, 0.2674,
0.1276

■ 75.9536, 0.3196,
0.4196

■ 7.2261, 0.2636,
0.1226

■ 84.7345, 0.3205,
0.4317

■ 85.2191, 0.3229,
0.4309

Harmonies

Analogous

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



24.7062, 0.2663, 0.2596



24.7062, 0.3054, 0.2698



24.7062, 0.3493, 0.2933

Triad

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



24.7062, 0.3054, 0.2698



24.7062, 0.3883, 0.3903



24.7062, 0.2452, 0.3263

Complementary

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



24.7062, 0.3054, 0.2698



33.5731, 0.3180, 0.3923

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.



24.7062, 0.2745, 0.3686



24.7062, 0.3054, 0.2698



24.7062, 0.3571, 0.4063

Square

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



24.7062, 0.3054, 0.2698



24.7062, 0.3989, 0.3602



24.7062, 0.3152, 0.3993



24.7062, 0.2335, 0.2886

Rectangle

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



24.7062, 0.3054, 0.2698



24.7062, 0.3746, 0.3141



24.7062, 0.3152, 0.3993



24.7062, 0.2532, 0.3406

Sweetspot

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



24.7073, 0.3054, 0.2698



59.6178, 0.3108, 0.3119



24.5083, 0.2747, 0.2796



12.9097, 0.3107, 0.3105



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.



24.7073, 0.3054, 0.2698



40.3805, 0.3035, 0.2571



25.2750, 0.3268, 0.2861



7.1195, 0.3102, 0.3066



5.4886, 0.2642, 0.1229



0.1344, 0.2860, 0.1349

Inverse Universe

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



24.6706, 0.3495, 0.3152



40.3407, 0.3595, 0.3122



33.1407, 0.3011, 0.3761



7.1115, 0.3250, 0.3238



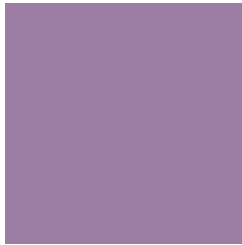
6.1643, 0.5945, 0.3049



0.1362, 0.5025, 0.2542

Previews

White Background



This preview shows how the Yxy color 24.7062, 0.3054, 0.2698 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 24.7062, 0.3054, 0.2698 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 24.7062, 0.3054, 0.2698

Background



This preview shows how black text looks on a background with the Yxy color 24.7062, 0.3054, 0.2698.



This preview shows how white text looks on a background with the Yxy color 24.7062, 0.3054, 0.2698.

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

24.7062, 0.3054, 0.2698

Protanopia

24.8574, 0.2715, 0.2708

Deuteranopia

24.6896, 0.2853, 0.2790



Tritanopia

24.5638, 0.3263, 0.3114

Trichromacy



Original Color

24.7062, 0.3054, 0.2698

Protanomaly

24.7704, 0.2826, 0.2704

Deuteranomaly

24.4852, 0.2923, 0.2752

Tritanomaly

24.6748, 0.3177, 0.2959

Monochromacy



Original Color

24.7062, 0.3054, 0.2698

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2081, 0.3105, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7062, 0.3054, 0.2698 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(156, 126, 165)` looks like.

```
.text, #text, p{  
    color:rgb(156, 126, 165)  
}
```

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(156, 126, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 126, 165) }
```

Border

The CSS property to change the border of an element to Yxy 24.7062, 0.3054, 0.2698 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(156, 126, 165) }
```

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

```
.border{ border-color:rgb(156, 126, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 126, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 126, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 126, 165); box-shadow:4px 4px 4px 4px rgb(156, 126, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7062, 0.3054, 0.2698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 126, 165) }
```

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

```
.background{ background-color: rgb(156,  
126, 165) }
```

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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