

Converting Colors

$Y_{xy}(24.2109, 0.3041, 0.2735)$

Have a look what the booklet for
Yxy(24.2109, 0.3041, 0.2735)
contains.

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Color

Yxy(24.2057, 0.3041, 0.2733)

Conversions

Conversions Part 1

Format	Color
Hex	987EA2
RGB	152, 126, 162
RGB Percent	60%, 49%, 64%
CMY	0.4038, 0.5059, 0.3648
CMYK	0.06, 0.22, 0.00, 0.36
HSL	283°, 16%, 56%
HSV	283°, 22%, 64%
XYZ	26.9336, 24.2057, 37.4289
YIQ	137.8780, 3.9400, 16.7080

Conversions

Conversions Part 2

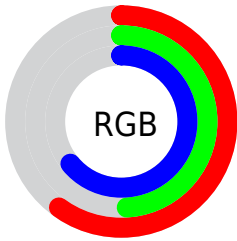
Format	Color
R_{YB}	152, 126, 162
Decimal	9993890
CIE _{Lab}	56.29, 16.81, -15.46
CIE _{LCh}	56, 22.835, 317.390
Yxy	24.2057, 0.3041, 0.2733
Android (android.graphics.Color)	4288183970 (0xFF987EA2)
YUV	137.8780, 11.8921, 12.3850
Hunter-Lab	49.1993, 11.6191, -10.6661

Details

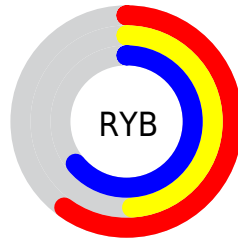
The Yxy color $24.2057, 0.3041, 0.2733$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $32.5735, 0.3194, 0.3877$, and the grayscale version is $25.3206, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5154, 0.3065, 0.2847$, and $9.2002, 0.3010, 0.2556$ is the 20% darker color. If you saturate the color by 10%, you get $19.9695, 0.2991, 0.2468$, and if you desaturate by 10%, it is $29.1311, 0.3084, 0.2992$.

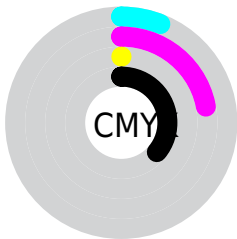
Distribution



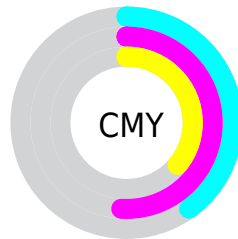
- Red (60%)
- Green (49%)
- Blue (64%)



- Red (60%)
- Yellow (49%)
- Blue (64%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (36%)





- Cyan (40%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2057, 0.3041, 0.2733 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 24.2057, 0.3041, 0.2733 by changing the saturation by 10% instead.


 24.2057, 0.3041,
0.2733


 24.2057, 0.3041,
0.2733


273.8588, 0.3093,
0.3030


 15.4863, 0.3025,
0.2652


 50.3657, 0.3062,
0.2846

 9.1614, 0.3001,
0.2545


 68.5750, 0.3069,
0.2887

 4.8466, 0.2965,
0.2394


 90.7164, 0.3075,
0.2921

 2.1575, 0.2903,
0.2170

117.1743, 0.3080,
0.2949

 0.6967, 0.2790,
0.1777

148.3331, 0.3084,
0.2974

 0.0000, 0.0309,
0.0000

184.5772, 0.3087,

 0.0000, 0.0000,

0.2995

0.0000

226.2910, 0.3090,
0.3014

■ 24.2057, 0.3041,
0.2733

■ 24.2057, 0.3041,
0.2733

■ 19.9695, 0.2991,
0.2468

■ 29.1311, 0.3084,
0.2992

■ 16.3871, 0.2933,
0.2203

■ 34.7728, 0.3120,
0.3238

■ 13.4243, 0.2869,
0.1948

■ 41.1604, 0.3150,
0.3468

■ 11.0427, 0.2800,
0.1714

■ 48.3206, 0.3174,
0.3680

■ 9.1997, 0.2727,
0.1511

■ 56.2790, 0.3193,
0.3874

7.8463, 0.2653,
0.1349

65.0599, 0.3209,
0.4051

6.9247, 0.2580,
0.1233

74.6866, 0.3220,
0.4210

6.4002, 0.2525,
0.1165

84.8066, 0.3230,
0.4348

85.3846, 0.3258,
0.4339

Harmonies

Analogous

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



24.2057, 0.2683, 0.2646



24.2057, 0.3041, 0.2733



24.2057, 0.3445, 0.2946

Triad

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



24.2057, 0.3041, 0.2733



24.2057, 0.3834, 0.3846



24.2057, 0.2513, 0.3287

Complementary

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



24.2057, 0.3041, 0.2733



32.5735, 0.3194, 0.3877

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.



24.2057, 0.2793, 0.3671



24.2057, 0.3041, 0.2733



24.2057, 0.3556, 0.3998

Square

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



24.2057, 0.3041, 0.2733



24.2057, 0.3919, 0.3566



24.2057, 0.3173, 0.3942



24.2057, 0.2395, 0.2935

Rectangle

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



24.2057, 0.3041, 0.2733



24.2057, 0.3681, 0.3138



24.2057, 0.3173, 0.3942



24.2057, 0.2591, 0.3418

Sweetspot

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



24.2067, 0.3041, 0.2733



57.9378, 0.3103, 0.3118



24.7065, 0.2774, 0.2861



12.8857, 0.3101, 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.



24.2067, 0.3041, 0.2733



39.7270, 0.3015, 0.2593



24.9403, 0.3237, 0.2862



7.1032, 0.3095, 0.3065



5.0653, 0.2531, 0.1168



0.1281, 0.2791, 0.1311

Inverse Universe

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



24.3773, 0.3447, 0.3135



40.1377, 0.3547, 0.3096



31.9872, 0.3033, 0.3759



7.1167, 0.3243, 0.3228



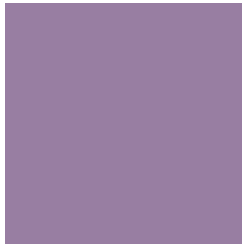
6.2064, 0.5796, 0.2967



0.1380, 0.4838, 0.2439

Previews

White Background



This preview shows how the Yxy color 24.2057, 0.3041, 0.2733 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 24.2057, 0.3041, 0.2733 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 24.2057, 0.3041, 0.2733

Background



This preview shows how black text looks on a background with the Yxy color 24.2057, 0.3041, 0.2733.



This preview shows how white text looks on a background with the Yxy color 24.2057, 0.3041, 0.2733.

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

24.2057, 0.3041, 0.2733

Protanopia

24.3522, 0.2738, 0.2749

Deuteranopia

24.3100, 0.2880, 0.2819



Tritanopia

24.2483, 0.3239, 0.3128

Trichromacy



Original Color

24.2057, 0.3041, 0.2733

Protanomaly

24.1835, 0.2842, 0.2742

Deuteranomaly

24.2893, 0.2942, 0.2794

Tritanomaly

24.3227, 0.3164, 0.2986

Monochromacy



Original Color

24.2057, 0.3041, 0.2733

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9964, 0.3093, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2057, 0.3041, 0.2733 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(152, 126, 162)` looks like.

```
.text, #text, p{  
    color:rgb(152, 126, 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(152, 126, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 126, 162) }
```

Border

The CSS property to change the border of an element to Yxy 24.2057, 0.3041, 0.2733 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(152, 126, 162) }
```

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

```
.border{ border-color:rgb(152, 126, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 126, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 126, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 126, 162);  
box-shadow:4px 4px 4px 4px rgb(152, 126,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2057, 0.3041, 0.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 126, 162) }
```

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

```
.background{ background-color: rgb(152,  
126, 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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