

Converting Colors

$Y_{xy}(24.4772, 0.2901, 0.2526)$

Have a look what the booklet for
Yxy(24.4772, 0.2901, 0.2526)
contains.

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Color

Yxy(24.4772, 0.2901, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	987DB0
RGB	152, 125, 176
RGB Percent	60%, 49%, 69%
CMY	0.4041, 0.5097, 0.3098
CMYK	0.14, 0.29, 0.00, 0.31
HSL	272°, 24%, 59%
HSV	272°, 29%, 69%
XYZ	28.1110, 24.4772, 44.3128
YIQ	138.8870, -0.2790, 21.5850

Conversions

Conversions Part 2

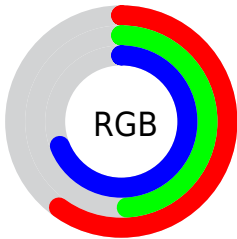
Format	Color
RYB	152, 125, 176
Decimal	9993648
CIELab	56.56, 20.36, -23.11
CIELCh	57, 30.798, 311.389
Yxy	24.4772, 0.2901, 0.2526
Android (android.graphics.Color)	4288183728 (0xFF987DB0)
YUV	138.8870, 18.2967, 11.5001
Hunter-Lab	49.4744, 14.8420, -18.4723

Details

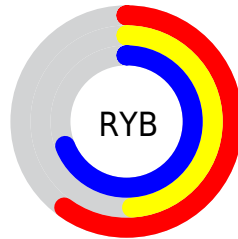
The Yxy color $24.4772, 0.2901, 0.2526$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $38.9249, 0.3302, 0.4063$, and the grayscale version is $25.7003, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.9324, 0.2953, 0.2676$, and $9.3083, 0.2808, 0.2289$ is the 20% darker color. If you saturate the color by 10%, you get $19.6361, 0.2800, 0.2237$, and if you desaturate by 10%, it is $30.1659, 0.2990, 0.2806$.

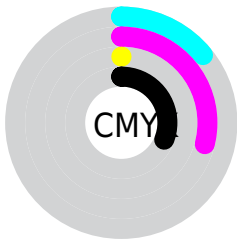
Distribution



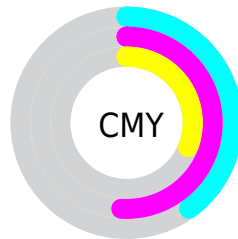
- Red (60%)
- Green (49%)
- Blue (69%)



- Red (60%)
- Yellow (49%)
- Blue (69%)



- Cyan (14%)
- Magenta (29%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4772, 0.2901, 0.2526 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 24.4772, 0.2901, 0.2526 by changing the saturation by 10% instead.


 24.4772, 0.2901,
0.2526


 24.4772, 0.2901,
0.2526


275.2242, 0.3031,
0.2927


 15.6880, 0.2862,
0.2420


 50.8078, 0.2953,
0.2676

 9.3036, 0.2808,
0.2282

 69.1180, 0.2971,
0.2731

 4.9398, 0.2728,
0.2093


 91.3706, 0.2986,
0.2777

 2.2120, 0.2600,
0.1822

117.9501, 0.2998,
0.2816

 0.7265, 0.2375,
0.1395

149.2408, 0.3008,
0.2850

 0.0000, 0.0998,
0.0000

185.6271, 0.3017,

 0.0000, 0.0000,

0.2879

0.0000

227.4935, 0.3025,
0.2904

■ 24.4772, 0.2901,
0.2526

■ 24.4772, 0.2901,
0.2526

■ 19.6361, 0.2800,
0.2237

■ 30.1659, 0.2990,
0.2806

■ 15.5968, 0.2688,
0.1948

■ 36.7390, 0.3068,
0.3070

■ 12.3137, 0.2568,
0.1671

■ 44.2345, 0.3134,
0.3314

■ 9.7350, 0.2444,
0.1420

■ 52.6876, 0.3189,
0.3538

■ 7.8024, 0.2320,
0.1208

■ 62.1312, 0.3236,
0.3740

6.4474, 0.2202,
0.1046

72.5970, 0.3274,
0.3922

5.5449, 0.2094,
0.0932

84.1150, 0.3306,
0.4085

5.4599, 0.2083,
0.0921

89.6163, 0.3350,
0.4134

90.9313, 0.3405,
0.4119

Harmonies

Analogous

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



24.4772, 0.2462, 0.2445



24.4772, 0.2901, 0.2526



24.4772, 0.3443, 0.2771

Triad

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



24.4772, 0.2901, 0.2526



24.4772, 0.4116, 0.3947



24.4772, 0.2371, 0.3382

Complementary

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



24.4772, 0.2901, 0.2526



38.9249, 0.3302, 0.4063

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.



24.4772, 0.2767, 0.3906



24.4772, 0.2901, 0.2526



24.4772, 0.3778, 0.4217

Square

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



24.4772, 0.2901, 0.2526



24.4772, 0.4180, 0.3551



24.4772, 0.3281, 0.4225



24.4772, 0.2178, 0.2885

Rectangle

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



24.4772, 0.2901, 0.2526



24.4772, 0.3784, 0.3004



24.4772, 0.3281, 0.4225



24.4772, 0.2483, 0.3565

Sweetspot

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



24.4782, 0.2901, 0.2526



66.3877, 0.3066, 0.3065



29.2001, 0.2671, 0.2873



13.9981, 0.3056, 0.3028



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.4782, 0.2901, 0.2526



38.3908, 0.2835, 0.2334



27.0034, 0.3169, 0.2594



8.4437, 0.3065, 0.3060



4.0415, 0.2093, 0.0927



0.1616, 0.2397, 0.1094

Inverse Universe

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



26.0748, 0.3461, 0.2942



41.8814, 0.3565, 0.2859



36.9126, 0.3082, 0.4101



8.5698, 0.3216, 0.3183



7.2425, 0.5047, 0.2554



0.2397, 0.4405, 0.2200

Previews

White Background



This preview shows how the Yxy color 24.4772, 0.2901, 0.2526 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 24.4772, 0.2901, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

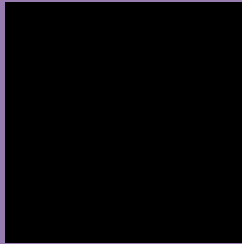
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4772, 0.2901, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 24.4772, 0.2901, 0.2526.



This preview shows how white text looks on a background with the Yxy color 24.4772, 0.2901, 0.2526.

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

24.4772, 0.2901, 0.2526

Protanopia

24.6067, 0.2563, 0.2513

Deuteranopia

24.4982, 0.2696, 0.2633



Tritanopia

24.5665, 0.3180, 0.3127

Trichromacy



Original Color

24.4772, 0.2901, 0.2526

Protanomaly

24.5144, 0.2681, 0.2525

Deuteranomaly

24.3788, 0.2761, 0.2585

Tritanomaly

24.3295, 0.3078, 0.2892

Monochromacy



Original Color

24.4772, 0.2901, 0.2526

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2465, 0.3053, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4772, 0.2901, 0.2526 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, 125, 176)` looks like.

```
.text, #text, p{  
    color:rgb(152, 125, 176)  
}
```

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, 125, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 125, 176) }
```

Border

The CSS property to change the border of an element to Yxy 24.4772, 0.2901, 0.2526 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, 125, 176) }
```

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

```
.border{ border-color:rgb(152, 125, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 125, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 125, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 125, 176);  
box-shadow:4px 4px 4px 4px rgb(152, 125,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4772, 0.2901, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 125, 176) }
```

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

```
.background{ background-color: rgb(152,  
125, 176) }
```

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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