

Converting Colors

$Y_{xy}(24.7763, 0.2788, 0.2582)$

Have a look what the booklet for
Yxy(24.7763, 0.2788, 0.2582)
contains.

Yxy(24.7626, 0.2792, 0.2579)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.7626, 0.2792, 0.2579)

Conversions

Conversions Part 1

Format	Color
Hex	8D82B0
RGB	141, 130, 176
RGB Percent	55%, 51%, 69%
CMY	0.4469, 0.4902, 0.3098
CMYK	0.20, 0.26, 0.00, 0.31
HSL	254°, 23%, 60%
HSV	254°, 26%, 69%
XYZ	26.8077, 24.7626, 44.4459
YIQ	138.5330, -8.2100, 16.6380

Conversions

Conversions Part 2

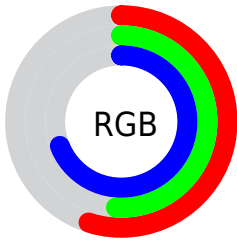
Format	Color
R_{YB}	141, 130, 176
Decimal	9274032
CIE _{Lab}	56.84, 13.92, -22.77
CIE _{LCh}	57, 26.688, 301.443
Yxy	24.7626, 0.2792, 0.2579
Android (android.graphics.Color)	4287464112 (0xFF8D82B0)
YUV	138.5330, 18.4712, 2.1636
Hunter-Lab	49.7620, 9.0778, -18.1226

Details

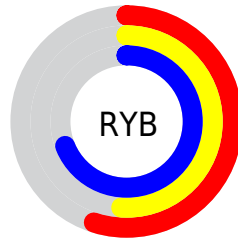
The Yxy color $24.7626, 0.2792, 0.2579$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $40.6628, 0.3410, 0.3954$, and the grayscale version is $25.5621, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.2953, 0.2862, 0.2718$, and $9.4886, 0.2668, 0.2359$ is the 20% darker color. If you saturate the color by 10%, you get $19.3720, 0.2634, 0.2265$, and if you desaturate by 10%, it is $31.0978, 0.2934, 0.2872$.

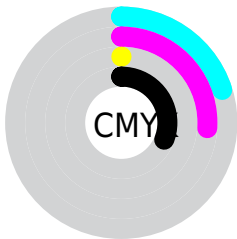
Distribution



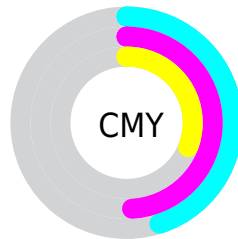
- Red (55%)
- Green (51%)
- Blue (69%)



- Red (55%)
- Yellow (51%)
- Blue (69%)



- Cyan (20%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



- Cyan (45%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.7626, 0.2792, 0.2579 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 24.7626, 0.2792, 0.2579 by changing the saturation by 10% instead.

■ 24.7626, 0.2792,
0.2579

■ 24.7626, 0.2792,
0.2579

■ 276.6536, 0.2979,
0.2955

■ 15.9003, 0.2738,
0.2479

■ 51.2718, 0.2865,
0.2720

■ 9.4536, 0.2665,
0.2346

■ 69.6875, 0.2891,
0.2772

■ 5.0382, 0.2559,
0.2165

■ 92.0565, 0.2912,
0.2815

■ 2.2697, 0.2394,
0.1901

■ 118.7630, 0.2930,
0.2852

■ 0.7576, 0.2114,
0.1484

■ 150.1916, 0.2945,
0.2883

■ 0.0000, 0.0062,
0.0000

■ 186.7267, 0.2958,

■ 0.0000, 0.0000,

0.2910

0.0000

228.7525, 0.2969,
0.2934

■ 24.7626, 0.2792,
0.2579

■ 24.7626, 0.2792,
0.2579

■ 19.3720, 0.2634,
0.2265

■ 31.0978, 0.2934,
0.2872

■ 14.8772, 0.2462,
0.1939

■ 38.4173, 0.3059,
0.3139

■ 11.2296, 0.2282,
0.1616

■ 46.7620, 0.3167,
0.3379

■ 8.3746, 0.2103,
0.1313

■ 56.1698, 0.3260,
0.3592

■ 6.2510, 0.1935,
0.1052

■ 66.6764, 0.3339,
0.3779

■ 4.7885, 0.1789,
0.0850

■ 78.3159, 0.3406,
0.3944

■ 3.8954, 0.1674,
0.0717

■ 91.1212, 0.3463,
0.4088

■ 3.6317, 0.1637,
0.0676

■ 94.6240, 0.3549,
0.4079

■ 95.9150, 0.3597,
0.4066

Harmonies

Analogous

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



24.7626, 0.2455, 0.2566



24.7626, 0.2792, 0.2579



24.7626, 0.3245, 0.2751

Triad

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



24.7626, 0.2792, 0.2579



24.7626, 0.4031, 0.3764



24.7626, 0.2569, 0.3528

Complementary

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



24.7626, 0.2792, 0.2579



40.6628, 0.3410, 0.3954

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.



24.7626, 0.2962, 0.3933



24.7626, 0.2792, 0.2579



24.7626, 0.3814, 0.4038

Square

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



24.7626, 0.2792, 0.2579



24.7626, 0.3991, 0.3404



24.7626, 0.3418, 0.4120



24.7626, 0.2333, 0.3076

Rectangle

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



24.7626, 0.2792, 0.2579



24.7626, 0.3555, 0.2936



24.7626, 0.3418, 0.4120



24.7626, 0.2686, 0.3678

Sweetspot

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



24.7636, 0.2792, 0.2579



66.8727, 0.3035, 0.3088



34.8891, 0.2736, 0.3125



14.0532, 0.3017, 0.3050



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.



24.7636, 0.2792, 0.2579



39.4224, 0.2708, 0.2412



26.9631, 0.3026, 0.2626



8.3253, 0.3021, 0.3057



2.6875, 0.1646, 0.0680



0.1118, 0.1942, 0.0844

Inverse Universe

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



27.9104, 0.3273, 0.2796



46.0910, 0.3310, 0.2691



38.4404, 0.3200, 0.4000



8.6112, 0.3173, 0.3119



8.0404, 0.3915, 0.1930



0.2614, 0.3681, 0.1801

Previews

White Background



This preview shows how the Yxy color 24.7626, 0.2792, 0.2579 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 24.7626, 0.2792, 0.2579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

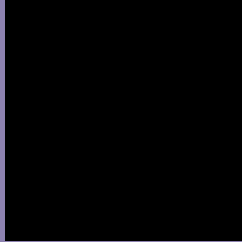
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7626, 0.2792, 0.2579

Background



This preview shows how black text looks on a background with the Yxy color 24.7626, 0.2792, 0.2579.



This preview shows how white text looks on a background with the Yxy color 24.7626, 0.2792, 0.2579.

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

24.7626, 0.2792, 0.2579

Protanopia

24.9083, 0.2605, 0.2574

Deuteranopia

24.8125, 0.2689, 0.2636



Tritanopia

24.9179, 0.3026, 0.3123

Trichromacy



Original Color

24.7626, 0.2792, 0.2579

Protanomaly

24.7756, 0.2664, 0.2565

Deuteranomaly

24.8567, 0.2726, 0.2626

Tritanomaly

24.8878, 0.2940, 0.2916

Monochromacy



Original Color

24.7626, 0.2792, 0.2579

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4508, 0.3010, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7626, 0.2792, 0.2579 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(141, 130, 176)` looks like.

```
.text, #text, p{  
    color:rgb(141, 130, 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(141, 130, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 130, 176) }
```

Border

The CSS property to change the border of an element to Yxy 24.7626, 0.2792, 0.2579 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(141, 130, 176) }
```

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

```
.border{ border-color:rgb(141, 130, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 130, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 130, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 130, 176);  
box-shadow:4px 4px 4px 4px rgb(141, 130,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7626, 0.2792, 0.2579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 130, 176) }
```

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

```
.background{ background-color: rgb(141,  
130, 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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