

Converting Colors

$Y_{xy}(24.8251, 0.2659, 0.2265)$

Have a look what the booklet for
Yxy(24.8251, 0.2659, 0.2265)
contains.

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Color

Yxy(24.7637, 0.2665, 0.2264)

Conversions

Conversions Part 1

Format	Color
Hex	927DC4
RGB	146, 125, 196
RGB Percent	57%, 49%, 77%
CMY	0.4275, 0.5098, 0.2314
CMYK	0.26, 0.36, 0.00, 0.23
HSL	258°, 38%, 63%
HSV	258°, 36%, 77%
XYZ	29.1499, 24.7637, 55.4668
YIQ	139.3730, -10.2750, 26.5330

Conversions

Conversions Part 2

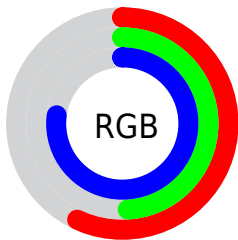
Format	Color
RYB	146, 125, 196
Decimal	9600452
CIELab	56.84, 23.20, -34.14
CIELCh	57, 41.275, 304.202
Yxy	24.7637, 0.2665, 0.2264
Android (android.graphics.Color)	4287790532 (0xFF927DC4)
YUV	139.3730, 27.9171, 5.8119
Hunter-Lab	49.7631, 17.4748, -31.2513

Details

The Yxy color **24.7637, 0.2665, 0.2264** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.0756, 0.3482, 0.4240**, and the grayscale version is **25.8634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3501, 0.2764, 0.2458**, and **9.5016, 0.2498, 0.1964** is the 20% darker color. If you saturate the color by 10%, you get **19.0922, 0.2503, 0.1942**, and if you desaturate by 10%, it is **31.5691, 0.2814, 0.2576**.

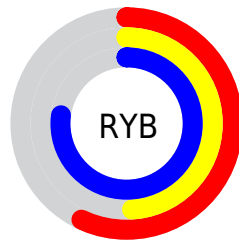
Distribution



Red (57%)

Green (49%)

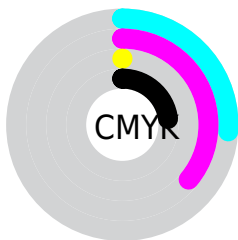
Blue (77%)



Red (57%)

Yellow (49%)

Blue (77%)

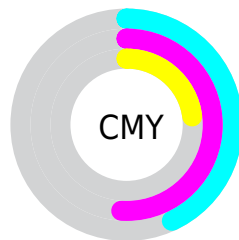


Cyan (26%)

Magenta (36%)

Yellow (0%)

Black (23%)



Cyan (43%)


Magenta (51%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7637, 0.2665, 0.2264 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 24.7637, 0.2665, 0.2264 by changing the saturation by 10% instead.


 24.7637, 0.2665,
0.2264


 24.7637, 0.2665,
0.2264


276.6591, 0.2924,
0.2790


 15.9011, 0.2592,
0.2131


 51.2736, 0.2765,
0.2457

 9.4542, 0.2493,
0.1961

 69.6897, 0.2801,
0.2529

 5.0386, 0.2354,
0.1736


 92.0591, 0.2831,
0.2590

 2.2699, 0.2146,
0.1432

118.7662, 0.2855,
0.2642

 0.7577, 0.1817,
0.1005

150.1953, 0.2876,
0.2686

 0.0000, 0.0881,
0.0000

186.7309, 0.2894,

 0.0000, 0.0000,

0.2725

0.0000

228.7574, 0.2910,
0.2760

■ 24.7637, 0.2665,
0.2264

■ 24.7637, 0.2665,
0.2264

■ 19.0922, 0.2503,
0.1942

■ 31.5691, 0.2814,
0.2576

■ 14.4885, 0.2331,
0.1624

■ 39.5637, 0.2947,
0.2868

■ 10.8836, 0.2159,
0.1328

■ 48.8027, 0.3063,
0.3137

■ 8.1996, 0.1995,
0.1072

■ 59.3371, 0.3163,
0.3378

■ 6.3458, 0.1850,
0.0875

■ 71.2146, 0.3249,
0.3594

■ 5.2081, 0.1732,
0.0745

■ 84.4810, 0.3321,
0.3784

■ 4.8831, 0.1693,
0.0706

■ 94.4953, 0.3395,
0.3886

■ 96.7655, 0.3478,
0.3870

Harmonies

Analogous

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



24.7637, 0.2161, 0.2209



24.7637, 0.2665, 0.2264



24.7637, 0.3361, 0.2528

Triad

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



24.7637, 0.2665, 0.2264



24.7637, 0.4487, 0.3995



24.7637, 0.2232, 0.3580

Complementary

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



24.7637, 0.2665, 0.2264



50.0756, 0.3482, 0.4240

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.



24.7637, 0.2788, 0.4280



24.7637, 0.2665, 0.2264



24.7637, 0.4096, 0.4436

Square

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



24.7637, 0.2665, 0.2264



24.7637, 0.4489, 0.3466



24.7637, 0.3470, 0.4597



24.7637, 0.1932, 0.2871

Rectangle

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



24.7637, 0.2665, 0.2264



24.7637, 0.3844, 0.2797



24.7637, 0.3470, 0.4597



24.7637, 0.2393, 0.3834

Sweetspot

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



24.7647, 0.2665, 0.2264



79.8341, 0.3008, 0.3007



39.3512, 0.2584, 0.2997



16.5989, 0.2991, 0.2970



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



24.7647, 0.2665, 0.2264



37.0148, 0.2545, 0.2024



28.4320, 0.3010, 0.2360



9.8890, 0.3028, 0.3055



3.1769, 0.1706, 0.0713



0.1739, 0.1962, 0.0854

Inverse Universe

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



29.5002, 0.3390, 0.2643



46.9234, 0.3463, 0.2512



46.5693, 0.3194, 0.4333



10.1951, 0.3182, 0.3129



8.7367, 0.4118, 0.2042



0.3891, 0.3870, 0.1906

Previews

White Background



This preview shows how the Yxy color 24.7637, 0.2665, 0.2264 looks on a white background.

Color Contrast Check

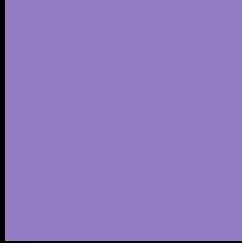
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7637, 0.2665, 0.2264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

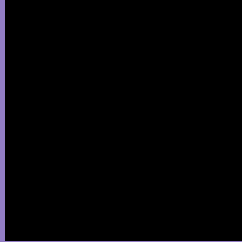
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7637, 0.2665, 0.2264

Background



This preview shows how black text looks on a background with the Yxy color 24.7637, 0.2665, 0.2264.



This preview shows how white text looks on a background with the Yxy color 24.7637, 0.2665, 0.2264.

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

24.7637, 0.2665, 0.2264

Protanopia

24.9205, 0.2348, 0.2231

Deuteranopia

24.8678, 0.2430, 0.2372



Tritanopia

24.7216, 0.3037, 0.3106

Trichromacy



Original Color

24.7637, 0.2665, 0.2264

Protanomaly

24.8096, 0.2453, 0.2244

Deuteranomaly

24.6083, 0.2503, 0.2318

Tritanomaly

24.4884, 0.2892, 0.2763

Monochromacy



Original Color

24.7637, 0.2665, 0.2264

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3390, 0.2953, 0.2875

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7637, 0.2665, 0.2264 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(146, 125, 196)` looks like.

```
.text, #text, p{  
    color:rgb(146, 125, 196)  
}
```

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(146, 125, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 125, 196) }
```

Border

The CSS property to change the border of an element to Yxy 24.7637, 0.2665, 0.2264 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(146, 125, 196) }
```

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

```
.border{ border-color:rgb(146, 125, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 125, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 125, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 125, 196);  
box-shadow:4px 4px 4px 4px rgb(146, 125,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7637, 0.2665, 0.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 125, 196) }
```

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

```
.background{ background-color: rgb(146,  
125, 196) }
```

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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