

Converting Colors

$Y_{xy}(22.0260, 0.2585, 0.1942)$

Have a look what the booklet for
Yxy(22.0260, 0.2585, 0.1942)
contains.

Yxy(22.0955, 0.2579, 0.1941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(22.0955, 0.2579, 0.1941)

Conversions

Conversions Part 1

Format	Color
Hex	956ED0
RGB	149, 110, 208
RGB Percent	58%, 43%, 82%
CMY	0.4156, 0.5687, 0.1844
CMYK	0.28, 0.47, 0.00, 0.18
HSL	264°, 51%, 62%
HSV	264°, 47%, 82%
XYZ	29.3582, 22.0955, 62.3819
YIQ	132.8330, -8.2140, 38.7460

Conversions

Conversions Part 2

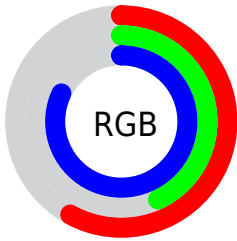
Format	Color
RYB	149, 110, 208
Decimal	9793232
CIELab	54.13, 35.71, -45.20
CIElCh	54, 57.604, 308.311
Yxy	22.0955, 0.2579, 0.1941
Android (android.graphics.Color)	4287983312 (0xFF956ED0)
YUV	132.8330, 37.0573, 14.1785
Hunter-Lab	47.0059, 29.2246, -45.7803

Details

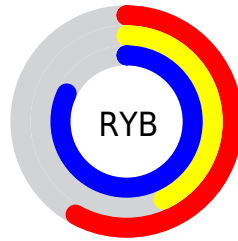
The Yxy color **22.0955, 0.2579, 0.1941** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **54.6588, 0.3492, 0.4575**, and the grayscale version is **23.2580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0398, 0.2770, 0.2271**, and **8.0703, 0.2368, 0.1574** is the 20% darker color. If you saturate the color by 10%, you get **17.0085, 0.2428, 0.1638**, and if you desaturate by 10%, it is **28.3638, 0.2721, 0.2252**.

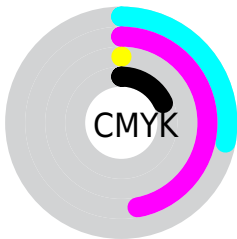
Distribution



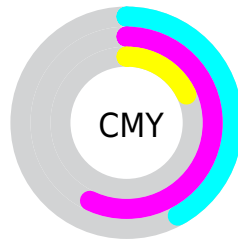
- Red (58%)
- Green (43%)
- Blue (82%)



- Red (58%)
- Yellow (43%)
- Blue (82%)



- Cyan (28%)
- Magenta (47%)
- Yellow (0%)
- Black (18%)





- Cyan (42%)
- Magenta (57%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0955, 0.2579, 0.1941 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 22.0955, 0.2579, 0.1941 by changing the saturation by 10% instead.


 22.0955, 0.2579,
0.1941


 22.0955, 0.2579,
0.1941

263.0446, 0.2893,
0.2617


 13.9271, 0.2489,
0.1778


 46.9038, 0.2702,
0.2184


 8.0700, 0.2368,
0.1575


 64.3125, 0.2746,
0.2276

 4.1398, 0.2199,
0.1318


 85.5700, 0.2782,
0.2354

 1.7520, 0.1952,
0.0991

 111.0608, 0.2811,
0.2422

 0.4570, 0.1588,
0.0520

141.1693, 0.2837,
0.2480

 0.0000, 0.0705,
0.0000

176.2798, 0.2858,

 0.0000, 0.0000,

0.2531

0.0000

216.7768, 0.2877,
0.2576

■ 22.0955, 0.2579,
0.1941

■ 22.0955, 0.2579,
0.1941

■ 17.0085, 0.2428,
0.1638

■ 28.3638, 0.2721,
0.2252

■ 13.0214, 0.2273,
0.1359

■ 35.8822, 0.2850,
0.2556

■ 10.0463, 0.2123,
0.1120


■ 44.7170, 0.2965,
0.2845


■ 7.9798, 0.1985,
0.0937

■ 54.9292, 0.3065,
0.3114

■ 6.6846, 0.1866,
0.0814


■ 66.5758, 0.3150,
0.3358

 6.3861, 0.1834,
0.0784

 79.7105, 0.3223,
0.3578

 94.0123, 0.3285,
0.3769

 96.2371, 0.3367,
0.3757

 97.3333, 0.3406,
0.3751

Harmonies

Analogous

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



22.0955, 0.1875, 0.1818



22.0955, 0.2579, 0.1941



22.0955, 0.3587, 0.2314

Triad

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



22.0955, 0.2579, 0.1941



22.0955, 0.4952, 0.4248



22.0955, 0.1790, 0.3524

Complementary

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



22.0955, 0.2579, 0.1941



54.6588, 0.3492, 0.4575

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.



22.0955, 0.2477, 0.4676



22.0955, 0.2579, 0.1941



22.0955, 0.4295, 0.4914

Square

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



22.0955, 0.2579, 0.1941



22.0955, 0.5111, 0.3540



22.0955, 0.3396, 0.5211



22.0955, 0.1480, 0.2531

Rectangle

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



22.0955, 0.2579, 0.1941



22.0955, 0.4289, 0.2675



22.0955, 0.3396, 0.5211



22.0955, 0.1979, 0.3925

Sweetspot

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



22.0963, 0.2579, 0.1941



75.4516, 0.2996, 0.2927



36.7755, 0.2406, 0.2742



15.4258, 0.2973, 0.2867



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.



22.0963, 0.2579, 0.1941



26.5730, 0.2419, 0.1622



27.5136, 0.3061, 0.2112



11.6442, 0.3043, 0.3054



4.0335, 0.1849, 0.0792



0.2711, 0.2059, 0.0908

Inverse Universe

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



27.4204, 0.3623, 0.2565



36.3719, 0.3788, 0.2423



50.3258, 0.3132, 0.4732



11.9260, 0.3198, 0.3151



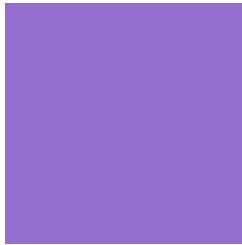
9.3022, 0.4523, 0.2265



0.5356, 0.4218, 0.2097

Previews

White Background



This preview shows how the Yxy color 22.0955, 0.2579, 0.1941 looks on a white background.

Color Contrast Check

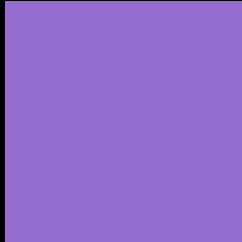
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0955, 0.2579, 0.1941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

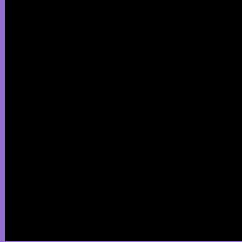
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0955, 0.2579, 0.1941

Background



This preview shows how black text looks on a background with the Yxy color 22.0955, 0.2579, 0.1941.



This preview shows how white text looks on a background with the Yxy color 22.0955, 0.2579, 0.1941.

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

22.0955, 0.2579, 0.1941

Protanopia

22.2757, 0.2063, 0.1859

Deuteranopia

22.4487, 0.2176, 0.2124



Tritanopia

22.2191, 0.3124, 0.3118

Trichromacy



Original Color

22.0955, 0.2579, 0.1941

Protanomaly

21.8099, 0.2209, 0.1867

Deuteranomaly

21.9532, 0.2298, 0.2046

Tritanomaly

21.9818, 0.2908, 0.2616

Monochromacy



Original Color

22.0955, 0.2579, 0.1941

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.6943, 0.2918, 0.2722

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0955, 0.2579, 0.1941 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(149, 110, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 110, 208)  
}
```

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(149, 110, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 110, 208) }
```

Border

The CSS property to change the border of an element to Yxy 22.0955, 0.2579, 0.1941 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(149, 110, 208) }
```

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

```
.border{ border-color:rgb(149, 110, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 110, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 110, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 110, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 110,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0955, 0.2579, 0.1941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 110, 208) }
```

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

```
.background{ background-color: rgb(149,  
110, 208) }
```

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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