

Converting Colors

$Y_{xy}(22.1099, 0.2680, 0.2582)$

Have a look what the booklet for
Yxy(22.1099, 0.2680, 0.2582)
contains.

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Color

Yxy(22.0714, 0.2679, 0.2579)

Conversions

Conversions Part 1

Format	Color
Hex	7C7EA9
RGB	124, 126, 169
RGB Percent	49%, 49%, 66%
CMY	0.5140, 0.5058, 0.3373
CMYK	0.27, 0.25, 0.00, 0.34
HSL	237°, 21%, 57%
HSV	237°, 27%, 66%
XYZ	22.9272, 22.0714, 40.5826
YIQ	130.3040, -14.9950, 12.9490

Conversions

Conversions Part 2

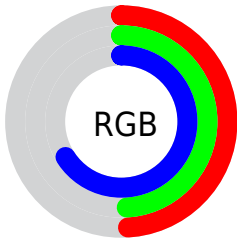
Format	Color
RYB	124, 126, 169
Decimal	8158889
CIELab	54.10, 9.08, -23.07
CIELCh	54, 24.789, 291.492
Yxy	22.0714, 0.2679, 0.2579
Android (android.graphics.Color)	4286348969 (0xFF7C7EA9)
YUV	130.3040, 19.0771, -5.5286
Hunter-Lab	46.9802, 4.8959, -18.3300

Details

The Yxy color $22.0714, 0.2679, 0.2579$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $37.4921, 0.3528, 0.3914$, and the grayscale version is $22.3691, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.9691, 0.2778, 0.2735$, and $8.0480, 0.2507, 0.2322$ is the 20% darker color. If you saturate the color by 10%, you get $17.1236, 0.2481, 0.2260$, and if you desaturate by 10%, it is $27.9009, 0.2862, 0.2872$.

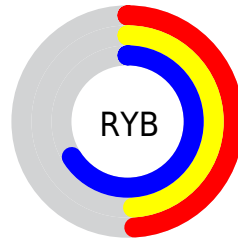
Distribution



Red (49%)

Green (49%)

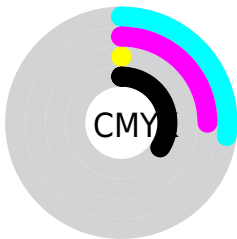
Blue (66%)



Red (49%)

Yellow (49%)

Blue (66%)

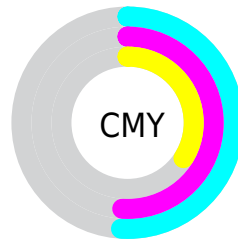


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (34%)



Cyan (51%)

Magenta (51%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.0714, 0.2679, 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 22.0714, 0.2679, 0.2579 by changing the saturation by 10% instead.

■ 22.0714, 0.2679,
0.2579

■ 22.0714, 0.2679,
0.2579

■ 262.9189, 0.2930,
0.2964

■ 13.9094, 0.2606,
0.2473

■ 46.8640, 0.2777,
0.2726

■ 8.0577, 0.2507,
0.2331

■ 64.2633, 0.2812,
0.2779

■ 4.1319, 0.2363,
0.2132

■ 85.5105, 0.2840,
0.2823

■ 1.7476, 0.2138,
0.1836

■ 110.9901, 0.2864,
0.2860

■ 0.4542, 0.1754,
0.1219

■ 141.0863, 0.2884,
0.2892

■ 0.0000, 0.0000,
0.0000

176.1835, 0.2902,

0.2919

216.6663, 0.2917,
0.2943

■ 22.0714, 0.2679,
0.2579

■ 22.0714, 0.2679,
0.2579

■ 17.1236, 0.2481,
0.2260

■ 27.9009, 0.2862,
0.2872

■ 13.0122, 0.2274,
0.1924

■ 34.6492, 0.3028,
0.3133

■ 9.6917, 0.2068,
0.1587

■ 42.3548, 0.3174,
0.3364

■ 7.1111, 0.1878,
0.1271

■ 51.0529, 0.3302,
0.3564

■ 5.2139, 0.1717,
0.0998

■ 60.7771, 0.3414,
0.3737

■ 3.9350, 0.1598,
0.0791

■ 71.5592, 0.3510,
0.3886

■ 3.1934, 0.1527,
0.0661

■ 83.4300, 0.3594,
0.4015

■ 3.0336, 0.1509,
0.0632

■ 95.6261, 0.3638,
0.4134

■ 95.6442, 0.3638,
0.4134

Harmonies

Analogous

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



22.0714, 0.2404, 0.2624



22.0714, 0.2679, 0.2579



22.0714, 0.3090, 0.2698

Triad

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



22.0714, 0.2679, 0.2579



22.0714, 0.4016, 0.3639



22.0714, 0.2701, 0.3663

Complementary

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



22.0714, 0.2679, 0.2579



37.4921, 0.3528, 0.3914

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.



22.0714, 0.3114, 0.3997



22.0714, 0.2679, 0.2579



22.0714, 0.3884, 0.3942

Square

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



22.0714, 0.2679, 0.2579



22.0714, 0.3890, 0.3282



22.0714, 0.3548, 0.4091



22.0714, 0.2414, 0.3224

Rectangle

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



22.0714, 0.2679, 0.2579



22.0714, 0.3395, 0.2853



22.0714, 0.3548, 0.4091



22.0714, 0.2829, 0.3795

Sweetspot

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



22.0723, 0.2679, 0.2579



60.1600, 0.3004, 0.3096



35.4333, 0.2762, 0.3324



12.7131, 0.2981, 0.3059



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



22.0723, 0.2679, 0.2579



34.1064, 0.2563, 0.2393



23.2135, 0.2885, 0.2586



7.3540, 0.2986, 0.3068



2.2832, 0.1511, 0.0637



0.0724, 0.1557, 0.0805

Inverse Universe

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



24.3416, 0.3660, 0.3260



38.9197, 0.3825, 0.3253



36.1891, 0.3322, 0.3986



7.5477, 0.3279, 0.3280



6.3015, 0.6337, 0.3265



0.1550, 0.6062, 0.3113

Previews

White Background



This preview shows how the Yxy color 22.0714, 0.2679, 0.2579 looks on a white background.

Color Contrast Check

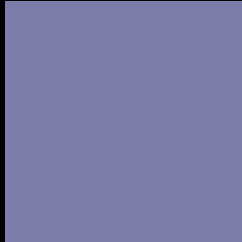
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0714, 0.2679, 0.2579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

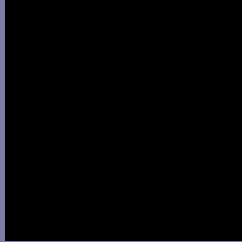
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0714, 0.2679, 0.2579

Background



This preview shows how black text looks on a background with the Yxy color 22.0714, 0.2679, 0.2579.



This preview shows how white text looks on a background with the Yxy color 22.0714, 0.2679, 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

22.0714, 0.2679, 0.2579

Protanopia

22.1922, 0.2617, 0.2587

Deuteranopia

22.0364, 0.2642, 0.2588



Tritanopia

22.0371, 0.2872, 0.3092

Trichromacy



Original Color

22.0714, 0.2679, 0.2579

Protanomaly

22.0741, 0.2634, 0.2574

Deuteranomaly

22.1083, 0.2652, 0.2590

Tritanomaly

21.9606, 0.2796, 0.2888

Monochromacy



Original Color

22.0714, 0.2679, 0.2579

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.3033, 0.2959, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0714, 0.2679, 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(124, 126, 169)` looks like.

```
.text, #text, p{  
    color:rgb(124, 126, 169)  
}
```

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(124, 126, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 126, 169) }
```

Border

The CSS property to change the border of an element to Yxy 22.0714, 0.2679, 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(124, 126, 169) }
```

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

```
.border{ border-color:rgb(124, 126, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 126, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 126, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 126, 169);  
box-shadow:4px 4px 4px 4px rgb(124, 126,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0714, 0.2679, 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(124, 126, 169) }
```

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

```
.background{ background-color: rgb(124,  
126, 169) }
```

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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