Converting Colors

Yxy(23.0925, 0.2805, 0.2789)

Have a look what the booklet for Yxy(23.0925, 0.2805, 0.2789) contains.

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Color

Yxy(23.0925, 0.2805, 0.2789)

Conversions

Conversions Part 1

Format	Color
Hex	8082A0
RGB	128, 130, 160
RGB Percent	50%, 51%, 63%
CMY	0.4982, 0.4901, 0.3726
CMYK	0.20, 0.19, 0.00, 0.37
HSL	236°, 14%, 56%
HSV	236°, 20%, 63%
XYZ	23.2250, 23.0925, 36.4810
YIQ	132.8220, -10.8220, 8.9060

Conversions

Conversions Part 2

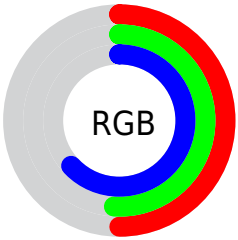
Format	Color
RYB	128, 130, 160
Decimal	8422048
CIELab	55.17, 5.83, -16.21
CIELCh	55, 17.225, 289.797
Yxy	23.0925, 0.2805, 0.2789
Android (android.graphics.Color)	4286612128 (0xFF8082A0)
YUV	132.8220, 13.3988, -4.2289
Hunter-Lab	48.0547, 2.1740, -11.3721

Details

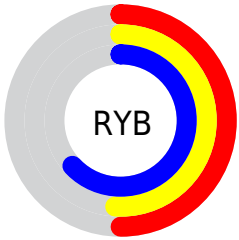
The Yxy color 23.0925, 0.2805, 0.2789 is a dark color, and the websafe version is hex 9999CC. A complement of this color would be 33.4612, 0.3426, 0.3746, and the grayscale version is 23.3395, 0.3127, 0.3290.

A 20% lighter version of the original color is 48.5970, 0.2873, 0.2893, and 8.5873, 0.2683, 0.2621 is the 20% darker color. If you saturate the color by 10%, you get 18.2504, 0.2618, 0.2494, and if you desaturate by 10%, it is 28.7120, 0.2975, 0.3055.

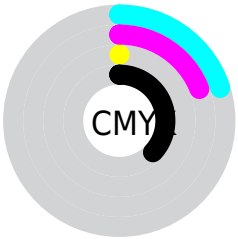
Distribution



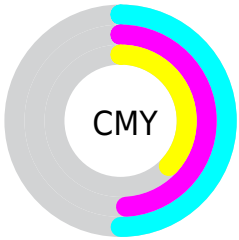
- Red (50%)
- Green (51%)
- Blue (63%)



- Red (50%)
- Yellow (51%)
- Blue (63%)



- Cyan (20%)
- Magenta (19%)
- Yellow (0%)
- Black (37%)



- Cyan (50%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.0925, 0.2805, 0.2789 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 23.0925, 0.2805, 0.2789 by changing the saturation by 10% instead.

23.0925, 0.2805, 0.2789

23.0925, 0.2805, 0.2789

268.1997, 0.2985, 0.3063

14.6618, 0.2753, 0.2712

48.5452, 0.2875, 0.2894

8.5824, 0.2681, 0.2608

66.3359, 0.2900, 0.2932

4.4698, 0.2576, 0.2460

88.0156, 0.2921, 0.2963

1.9397, 0.2410, 0.2232

113.9684, 0.2938, 0.2989

0.5721, 0.2111, 0.1760

144.5788, 0.2952, 0.3012

0.0000, 0.0000, 0.0000

180.2313, 0.2965,

0.3031

221.3101, 0.2975, 0.3048

23.0925, 0.2805, 0.2789

23.0925, 0.2805, 0.2789

18.2504, 0.2618, 0.2494

28.7120, 0.2975, 0.3055

14.1489, 0.2419, 0.2176

35.1381, 0.3127, 0.3290

10.7521, 0.2214, 0.1844

42.4019, 0.3261, 0.3495

8.0204, 0.2014, 0.1516

50.5320, 0.3378, 0.3674

5.9101, 0.1832, 0.1212

59.5556, 0.3480, 0.3828

4.3721, 0.1683, 0.0955

3.3502, 0.1578, 0.0765

2.7590, 0.1513, 0.0647

69.4990, 0.3569, 0.3960

80.3870, 0.3646, 0.4075

92.0621, 0.3706, 0.4175

95.3173, 0.3689, 0.4219

Harmonies

Analogous

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

23.0925, 0.2615, 0.2835

23.0925, 0.2805, 0.2789

23.0925, 0.3089, 0.2865

Triad

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

23.0925, 0.2805, 0.2789

23.0925, 0.3734, 0.3531

23.0925, 0.2851, 0.3557

Complementary

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

23.0925, 0.2805, 0.2789

33.4612, 0.3426, 0.3746

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.

23.0925, 0.3142, 0.3770

23.0925, 0.2805, 0.2789

23.0925, 0.3659, 0.3737

Square

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

23.0925, 0.2805, 0.2789

23.0925, 0.3637, 0.3279

23.0925, 0.3439, 0.3833

23.0925, 0.2640, 0.3269

Rectangle

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

23.0925, 0.2805, 0.2789

23.0925, 0.3296, 0.2973

23.0925, 0.3439, 0.3833

23.0925, 0.2942, 0.3642

Sweetspot

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

23.0934, 0.2805, 0.2789

56.5124, 0.3036, 0.3150

32.1847, 0.2852, 0.3323

12.2439, 0.3027, 0.3136

80.7346, 0.3127, 0.3290

13.9985, 0.3127, 0.3290

Same Dimension

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

23.0934, 0.2805, 0.2789

37.8534, 0.2724, 0.2661

23.7050, 0.2950, 0.2776

6.4999, 0.2987, 0.3074

2.1750, 0.1515, 0.0654

0.0566, 0.1585, 0.0906

Inverse Universe

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

24.5144, 0.3488, 0.3259

40.9502, 0.3592, 0.3251

32.8132, 0.3279, 0.3798

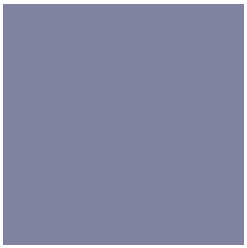
6.6527, 0.3274, 0.3276

5.8418, 0.6310, 0.3250

0.1062, 0.5903, 0.3025

Previews

White Background

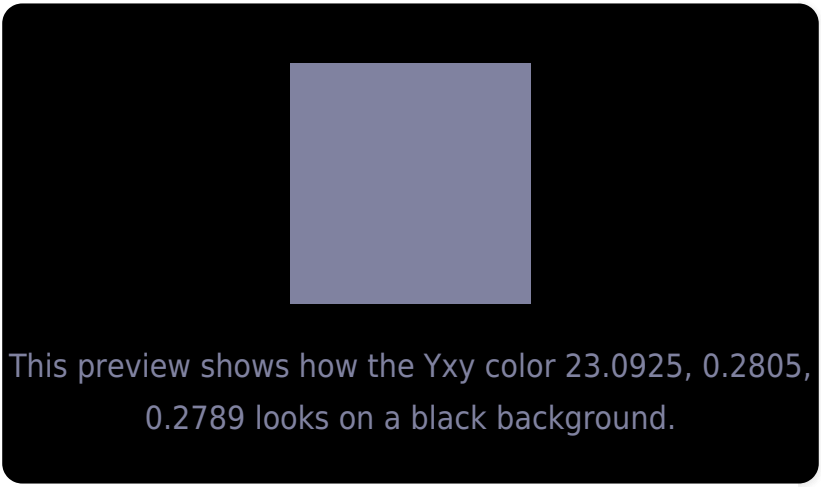


This preview shows how the Yxy color 23.0925, 0.2805, 0.2789 looks on a white background.

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

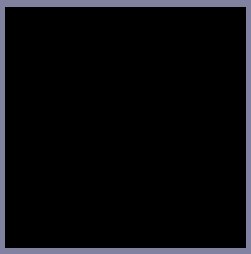


Color Contrast Check

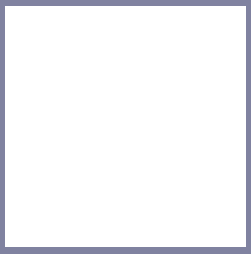
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 23.0925, 0.2805, 0.2789 Background



This preview shows how black text looks on a background with the Yxy color 23.0925, 0.2805, 0.2789.



This preview shows how white text looks on a background with the Yxy color 23.0925, 0.2805, 0.2789.

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

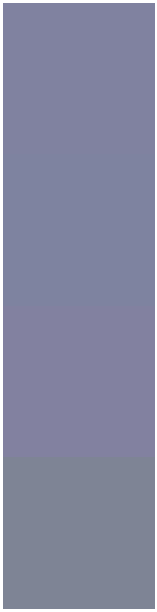
Original Color
23.0925, 0.2805, 0.2789

Protanopia
23.1306, 0.2776, 0.2802

Deuteranopia
23.0639, 0.2835, 0.2776

Tritanopia
23.1182, 0.2938, 0.3115

Trichromacy



Original Color
23.0925, 0.2805, 0.2789

Protanomaly
23.2063, 0.2786, 0.2803

Deuteranomaly
22.9844, 0.2825, 0.2774

Tritanomaly
23.1081, 0.2889, 0.2997

Monochromacy

Original Color
23.0925, 0.2805, 0.2789

Achromatopsia
23.4551, 0.3127, 0.3290

Achromatomaly
23.3110, 0.3002, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0925, 0.2805, 0.2789 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(128, 130, 160) looks like.

```
.text, #text, p{
    color:rgb(128, 130, 160)
}
```

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(128, 130, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 130, 160) }
```

Border

The CSS property to change the border of an element to Yxy 23.0925, 0.2805, 0.2789 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(128, 130, 160) }
```

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

```
.border{ border-color:rgb(128, 130, 160) }
```

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

Here you see how a box with a 4 pixel rgb(128, 130, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 130, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 130, 160); box-shadow:4px 4px 4px 4px rgb(128, 130, 160) }
```

Background

The CSS property to change the background color of an element to Yxy 23.0925, 0.2805, 0.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(128, 130, 160) }
```

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

```
.background{ background-color:rgb(128,
130, 160) }
```

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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