

Converting Colors

$Y_{xy}(28.2881, 0.2500, 0.2397)$

Have a look what the booklet for
Yxy(28.2881, 0.2500, 0.2397)
contains.

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Color

Yxy(28.3249, 0.2495, 0.2395)

Conversions

Conversions Part 1

Format	Color
Hex	818ECB
RGB	129, 142, 203
RGB Percent	51%, 56%, 80%
CMY	0.4942, 0.4431, 0.2038
CMYK	0.36, 0.30, 0.00, 0.20
HSL	229°, 42%, 65%
HSV	229°, 36%, 80%
XYZ	29.5076, 28.3249, 60.4343
YIQ	145.0670, -27.3290, 16.2150

Conversions

Conversions Part 2

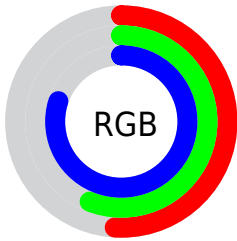
Format	Color
R_{YB}	129, 140, 203
Decimal	8490699
CIE _{Lab}	60.18, 10.19, -33.02
CIE _{LCh}	60, 34.554, 287.156
Yxy	28.3249, 0.2495, 0.2395
Android (android.graphics.Color)	4286680779 (0xFF818ECB)
YUV	145.0670, 28.5610, -14.0908
Hunter-Lab	53.2211, 5.8293, -30.0709

Details

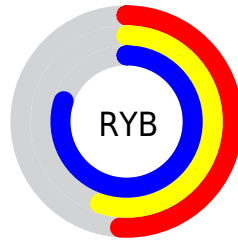
The Yxy color **28.3249, 0.2495, 0.2395** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.1242, 0.3723, 0.4048**, and the grayscale version is **28.2342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8902, 0.2652, 0.2622**, and **11.3607, 0.2283, 0.2121** is the 20% darker color. If you saturate the color by 10%, you get **22.2791, 0.2299, 0.2097**, and if you desaturate by 10%, it is **35.4364, 0.2685, 0.2674**.

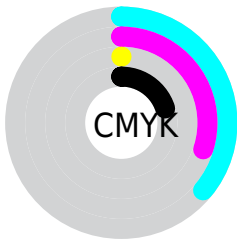
Distribution



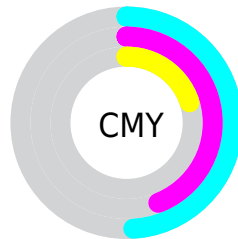
- Red (51%)
- Green (56%)
- Blue (80%)



- Red (51%)
- Yellow (55%)
- Blue (80%)



- Cyan (36%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.3249, 0.2495, 0.2395 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 28.3249, 0.2495, 0.2395 by changing the saturation by 10% instead.

■ 28.3249, 0.2495,
0.2395

■ 28.3249, 0.2495,
0.2395

■ 294.0162, 0.2832,
0.2856

■ 18.5707, 0.2406,
0.2278

■ 57.0027, 0.2622,
0.2564

■ 11.3605, 0.2288,
0.2127

■ 76.6952, 0.2668,
0.2627

■ 6.3099, 0.2129,
0.1928

■ 100.4692, 0.2707,
0.2681

■ 3.0344, 0.1902,
0.1655

■ 128.7091, 0.2739,
0.2726

■ 1.1497, 0.1563,
0.1268

■ 161.7994, 0.2767,
0.2765

■ 0.0201, 0.0796,
0.0060

■ 200.1244, 0.2792,

■ 0.0000, 0.0000,

0.2799

0.0000

244.0685, 0.2813,
0.2829

■ 28.3249, 0.2495,
0.2395

■ 28.3249, 0.2495,
0.2395

■ 22.2791, 0.2299,
0.2097

■ 35.4364, 0.2685,
0.2674

■ 17.2439, 0.2104,
0.1791

■ 43.6589, 0.2864,
0.2929

■ 13.1637, 0.1923,
0.1491

■ 53.0387, 0.3029,
0.3157

■ 9.9763, 0.1766,
0.1214

■ 63.6188, 0.3178,
0.3358

■ 7.6116, 0.1644,
0.0980

■ 75.4397, 0.3311,
0.3534

■ 5.9864, 0.1564,
0.0801

■ 88.5401, 0.3430,
0.3686

■ 5.5558, 0.1542,
0.0751

■ 97.0935, 0.3436,
0.3800

Harmonies

Analogous

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



28.3249, 0.2189, 0.2472



28.3249, 0.2495, 0.2395



28.3249, 0.2991, 0.2518

Triad

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



28.3249, 0.2495, 0.2395



28.3249, 0.4265, 0.3647



28.3249, 0.2646, 0.3853

Complementary

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



28.3249, 0.2495, 0.2395



51.1242, 0.3723, 0.4048

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.



28.3249, 0.3179, 0.4256



28.3249, 0.2495, 0.2395



28.3249, 0.4131, 0.4055

Square

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



28.3249, 0.2495, 0.2395



28.3249, 0.4059, 0.3204



28.3249, 0.3725, 0.4308



28.3249, 0.2265, 0.3274

Rectangle

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



28.3249, 0.2495, 0.2395



28.3249, 0.3380, 0.2694



28.3249, 0.3725, 0.4308



28.3249, 0.2813, 0.4019

Sweetspot

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



28.3260, 0.2495, 0.2395



81.1878, 0.2954, 0.3054



51.0897, 0.2699, 0.3477



16.9180, 0.2931, 0.3022



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.



28.3260, 0.2495, 0.2395



39.0644, 0.2336, 0.2154



26.7289, 0.2674, 0.2257



11.1574, 0.2982, 0.3093



3.6289, 0.1547, 0.0769



0.2875, 0.1640, 0.1105

Inverse Universe

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



30.3523, 0.3845, 0.3123



43.4719, 0.4089, 0.3086



53.9678, 0.3472, 0.4253



11.2453, 0.3263, 0.3250



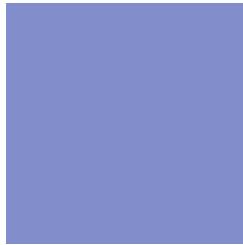
8.1693, 0.6120, 0.3145



0.4316, 0.5603, 0.2860

Previews

White Background



This preview shows how the Yxy color 28.3249, 0.2495, 0.2395 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 28.3249, 0.2495, 0.2395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

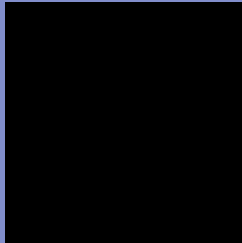
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3249, 0.2495, 0.2395

Background



This preview shows how black text looks on a background with the Yxy color 28.3249, 0.2495, 0.2395.



This preview shows how white text looks on a background with the Yxy color 28.3249, 0.2495, 0.2395.

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

28.3249, 0.2495, 0.2395

Protanopia

28.4402, 0.2468, 0.2393

Deuteranopia

28.3167, 0.2467, 0.2404



Tritanopia

28.3433, 0.2730, 0.3090

Trichromacy



Original Color

28.3249, 0.2495, 0.2395

Protanomaly

28.5166, 0.2475, 0.2395

Deuteranomaly

28.3923, 0.2474, 0.2405

Tritanomaly

28.2527, 0.2642, 0.2813

Monochromacy



Original Color

28.3249, 0.2495, 0.2395

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.1887, 0.2872, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3249, 0.2495, 0.2395 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(129, 142, 203)` looks like.

```
.text, #text, p{  
    color:rgb(129, 142, 203)  
}
```

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(129, 142, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 142, 203) }
```

Border

The CSS property to change the border of an element to Yxy 28.3249, 0.2495, 0.2395 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(129, 142, 203) }
```

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

```
.border{ border-color:rgb(129, 142, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 142, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 142, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 142, 203);  
box-shadow:4px 4px 4px 4px rgb(129, 142,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3249, 0.2495, 0.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 142, 203) }
```

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

```
.background{ background-color: rgb(129,  
142, 203) }
```

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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