

Converting Colors

$Y_{xy}(30.1117, 0.2647, 0.2333)$

Have a look what the booklet for
Yxy(30.1117, 0.2647, 0.2333)
contains.

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Color

Yxy(30.2793, 0.2649, 0.2336)

Conversions

Conversions Part 1

Format	Color
Hex	9A8CD2
RGB	154, 140, 210
RGB Percent	60%, 55%, 82%
CMY	0.3961, 0.4510, 0.1765
CMYK	0.27, 0.33, 0.00, 0.18
HSL	252°, 44%, 69%
HSV	252°, 33%, 82%
XYZ	34.3364, 30.2793, 65.0046
YIQ	152.1660, -14.1260, 24.7380

Conversions

Conversions Part 2

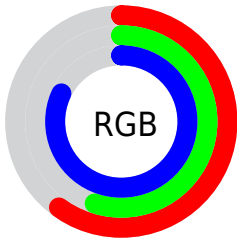
Format	Color
RYB	154, 140, 210
Decimal	10128594
CIELab	61.89, 20.35, -34.11
CIELCh	62, 39.716, 300.825
Yxy	30.2793, 0.2649, 0.2336
Android (android.graphics.Color)	4288318674 (0xFF9A8CD2)
YUV	152.1660, 28.5122, 1.6084
Hunter-Lab	55.0266, 15.0867, -31.5224

Details

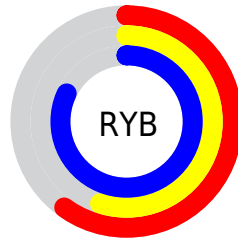
The Yxy color **30.2793, 0.2649, 0.2336** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.7210, 0.3511, 0.4149**, and the grayscale version is **31.3545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5052, 0.2826, 0.2631**, and **12.4456, 0.2489, 0.2074** is the 20% darker color. If you saturate the color by 10%, you get **23.1830, 0.2470, 0.2004**, and if you desaturate by 10%, it is **38.7798, 0.2813, 0.2653**.

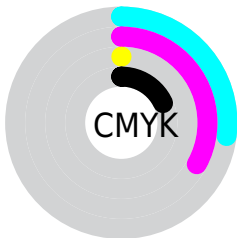
Distribution



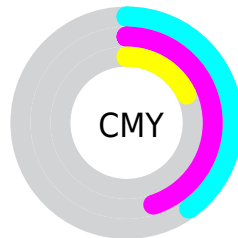
- Red (60%)
- Green (55%)
- Blue (82%)



- Red (60%)
- Yellow (55%)
- Blue (82%)



- Cyan (27%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)





- Cyan (40%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2793, 0.2649, 0.2336 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 30.2793, 0.2649, 0.2336 by changing the saturation by 10% instead.


 30.2793, 0.2649,
0.2336


 30.2793, 0.2649,
0.2336


303.2042, 0.2907,
0.2814


 20.0507, 0.2580,
0.2218


 60.1036, 0.2746,
0.2509

 12.4319, 0.2489,
0.2069


 80.4681, 0.2782,
0.2574

 7.0385, 0.2363,
0.1875


 104.9799, 0.2811,
0.2629

 3.4862, 0.2184,
0.1615

134.0236, 0.2836,
0.2677

 1.3905, 0.1910,
0.1257

167.9835, 0.2858,
0.2718

 0.2097, 0.1501,
0.0452

207.2439, 0.2876,

 0.0000, 0.0000,

0.2754

0.0000

252.1894, 0.2892,
0.2786

■ 30.2793, 0.2649,
0.2336

■ 30.2793, 0.2649,
0.2336

■ 23.1830, 0.2470,
0.2004

■ 38.7798, 0.2813,
0.2653

■ 17.4109, 0.2282,
0.1669

■ 48.7513, 0.2960,
0.2945

■ 12.8805, 0.2095,
0.1353

■ 60.2608, 0.3088,
0.3209

■ 9.4983, 0.1919,
0.1075

■ 73.3701, 0.3199,
0.3443

■ 7.1573, 0.1768,
0.0857

■ 88.1373, 0.3294,
0.3650

■ 5.7294, 0.1651,
0.0713

■ 97.3959, 0.3392,
0.3731

■ 5.1449, 0.1593,
0.0651

■ 97.4330, 0.3394,
0.3731

Harmonies

Analogous

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



30.2793, 0.2209, 0.2313



30.2793, 0.2649, 0.2336



30.2793, 0.3267, 0.2559

Triad

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



30.2793, 0.2649, 0.2336



30.2793, 0.4377, 0.3893



30.2793, 0.2365, 0.3631

Complementary

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



30.2793, 0.2649, 0.2336



59.7210, 0.3511, 0.4149

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.



30.2793, 0.2894, 0.4223



30.2793, 0.2649, 0.2336



30.2793, 0.4065, 0.4299

Square

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



30.2793, 0.2649, 0.2336



30.2793, 0.4328, 0.3406



30.2793, 0.3517, 0.4464



30.2793, 0.2056, 0.2983

Rectangle

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



30.2793, 0.2649, 0.2336



30.2793, 0.3704, 0.2798



30.2793, 0.3517, 0.4464



30.2793, 0.2522, 0.3851

Sweetspot

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



30.2805, 0.2649, 0.2336



81.1296, 0.3003, 0.3033



50.2361, 0.2635, 0.3118



16.8403, 0.2984, 0.2994



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.



30.2805, 0.2649, 0.2336



38.9317, 0.2523, 0.2100



34.0806, 0.2955, 0.2415



11.5299, 0.3012, 0.3052



3.1725, 0.1603, 0.0657



0.2113, 0.1779, 0.0754

Inverse Universe

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



36.4443, 0.3299, 0.2618



50.0179, 0.3345, 0.2476



55.6840, 0.3243, 0.4228



11.9668, 0.3168, 0.3106



10.0972, 0.3785, 0.1859



0.5751, 0.3660, 0.1790

Previews

White Background



This preview shows how the Yxy color 30.2793, 0.2649, 0.2336 looks on a white background.

Color Contrast Check

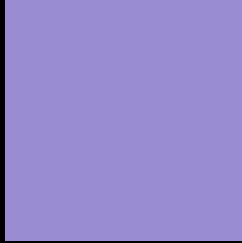
Large Text (above 18pt) WCAG AA × Fail

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 30.2793, 0.2649, 0.2336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

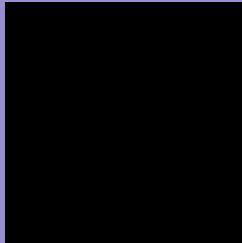
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2793, 0.2649, 0.2336

Background



This preview shows how black text looks on a background with the Yxy color 30.2793, 0.2649, 0.2336.



This preview shows how white text looks on a background with the Yxy color 30.2793, 0.2649, 0.2336.

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

30.2793, 0.2649, 0.2336

Protanopia

30.3373, 0.2409, 0.2315

Deuteranopia

30.4797, 0.2483, 0.2427



Tritanopia

30.4411, 0.2968, 0.3104

Trichromacy



Original Color

30.2793, 0.2649, 0.2336

Protanomaly

30.1199, 0.2489, 0.2312

Deuteranomaly

30.3432, 0.2540, 0.2387

Tritanomaly

30.1083, 0.2847, 0.2799

Monochromacy



Original Color

30.2793, 0.2649, 0.2336

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9692, 0.2947, 0.2919

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2793, 0.2649, 0.2336 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(154, 140, 210)` looks like.

```
.text, #text, p{  
    color:rgb(154, 140, 210)  
}
```

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(154, 140, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 140, 210) }
```

Border

The CSS property to change the border of an element to Yxy 30.2793, 0.2649, 0.2336 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(154, 140, 210) }
```

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

```
.border{ border-color:rgb(154, 140, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 140, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 140, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 140, 210);  
box-shadow:4px 4px 4px 4px rgb(154, 140,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2793, 0.2649, 0.2336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 140, 210) }
```

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

```
.background{ background-color: rgb(154,  
140, 210) }
```

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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