

Converting Colors

$Yxy(30.1641, 0.2639, 0.2333)$

Have a look what the booklet for
Yxy(30.1641, 0.2639, 0.2333)
contains.

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Color

Yxy(30.1816, 0.2640, 0.2334)

Conversions

Conversions Part 1

Format	Color
Hex	998CD2
RGB	153, 140, 210
RGB Percent	60%, 55%, 82%
CMY	0.4002, 0.4509, 0.1765
CMYK	0.27, 0.33, 0.00, 0.18
HSL	251°, 44%, 69%
HSV	251°, 33%, 82%
XYZ	34.1386, 30.1816, 64.9926
YIQ	151.8670, -14.7220, 24.5260

Conversions

Conversions Part 2

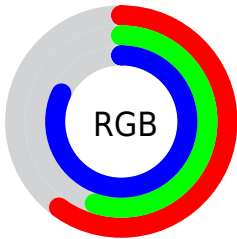
Format	Color
R_{YB}	153, 140, 210
Decimal	10063058
CIE _{Lab}	61.81, 20.03, -34.24
CIE _{LCh}	62, 39.667, 300.324
Yxy	30.1816, 0.2640, 0.2334
Android (android.graphics.Color)	4288253138 (0xFF998CD2)
YUV	151.8670, 28.6596, 0.9936
Hunter-Lab	54.9378, 14.7795, -31.6849

Details

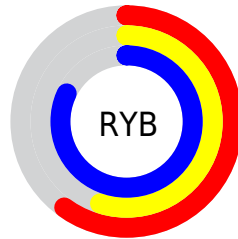
The Yxy color **30.1816, 0.2640, 0.2334** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.8628, 0.3520, 0.4146**, and the grayscale version is **31.2160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3589, 0.2819, 0.2630**, and **12.3882, 0.2478, 0.2070** is the 20% darker color. If you saturate the color by 10%, you get **23.0717, 0.2458, 0.2000**, and if you desaturate by 10%, it is **38.7039, 0.2807, 0.2652**.

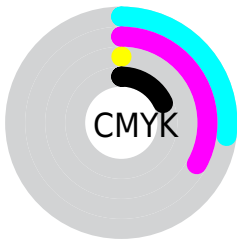
Distribution



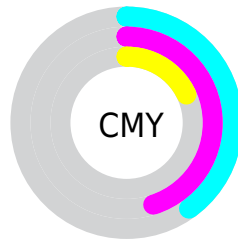
- Red (60%)
- Green (55%)
- Blue (82%)



- 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 30.1816, 0.2640, 0.2334 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 30.1816, 0.2640, 0.2334 by changing the saturation by 10% instead.


 30.1816, 0.2640,
0.2334


 30.1816, 0.2640,
0.2334


302.7500, 0.2902,
0.2813


 19.9765, 0.2570,
0.2216


 59.9492, 0.2739,
0.2507

 12.3779, 0.2477,
0.2067


 80.2806, 0.2775,
0.2573

 7.0016, 0.2350,
0.1872

 104.7560, 0.2805,
0.2628

 3.4631, 0.2167,
0.1611

133.7601, 0.2831,
0.2676

 1.3780, 0.1890,
0.1251

167.6771, 0.2853,
0.2717

 0.2004, 0.1474,
0.0435

206.8915, 0.2871,

 0.0000, 0.0000,

0.2753

0.0000

251.7877, 0.2888,
0.2785

■ 30.1816, 0.2640,
0.2334

■ 30.1816, 0.2640,
0.2334

■ 23.0717, 0.2458,
0.2000

■ 38.7039, 0.2807,
0.2652

■ 17.2937, 0.2268,
0.1664

■ 48.7062, 0.2957,
0.2945

■ 12.7645, 0.2078,
0.1345

■ 60.2557, 0.3088,
0.3209

■ 9.3898, 0.1902,
0.1067

■ 73.4148, 0.3201,
0.3444

■ 7.0617, 0.1751,
0.0849

■ 88.2422, 0.3298,
0.3650

■ 5.6511, 0.1637,
0.0705

■ 97.4327, 0.3394,
0.3731

■ 5.0797, 0.1581,
0.0644

Harmonies

Analogous

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



30.1816, 0.2204, 0.2314



30.1816, 0.2640, 0.2334



30.1816, 0.3256, 0.2554

Triad

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



30.1816, 0.2640, 0.2334



30.1816, 0.4380, 0.3885



30.1816, 0.2373, 0.3642

Complementary

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



30.1816, 0.2640, 0.2334



59.8628, 0.3520, 0.4146

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.



30.1816, 0.2904, 0.4231



30.1816, 0.2640, 0.2334



30.1816, 0.4073, 0.4294

Square

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



30.1816, 0.2640, 0.2334



30.1816, 0.4324, 0.3398



30.1816, 0.3528, 0.4464



30.1816, 0.2060, 0.2993

Rectangle

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



30.1816, 0.2640, 0.2334



30.1816, 0.3693, 0.2791



30.1816, 0.3528, 0.4464



30.1816, 0.2530, 0.3861

Sweetspot

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



30.1828, 0.2640, 0.2334



81.0635, 0.3001, 0.3033



50.2371, 0.2635, 0.3118



16.8245, 0.2981, 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.



30.1828, 0.2640, 0.2334



38.7544, 0.2512, 0.2097



34.0863, 0.2955, 0.2415



11.5212, 0.3010, 0.3052



3.1309, 0.1590, 0.0650



0.2073, 0.1759, 0.0743

Inverse Universe

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



36.4980, 0.3288, 0.2607



50.1082, 0.3332, 0.2462



55.6831, 0.3243, 0.4227



11.9700, 0.3166, 0.3102



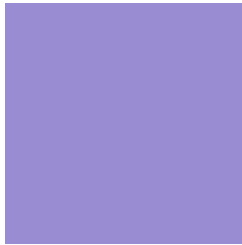
10.1703, 0.3735, 0.1831



0.5786, 0.3622, 0.1769

Previews

White Background



This preview shows how the Yxy color 30.1816, 0.2640, 0.2334 looks on a white background.

Color Contrast Check

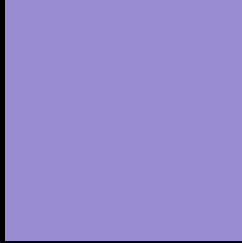
Large Text (above 18pt) WCAG AA × Fail

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 30.1816, 0.2640, 0.2334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

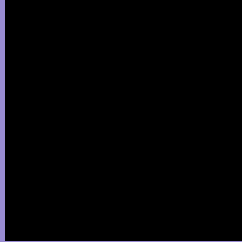
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1816, 0.2640, 0.2334

Background



This preview shows how black text looks on a background with the Yxy color 30.1816, 0.2640, 0.2334.



This preview shows how white text looks on a background with the Yxy color 30.1816, 0.2640, 0.2334.

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

30.1816, 0.2640, 0.2334

Protanopia

30.3373, 0.2409, 0.2315

Deuteranopia

30.4010, 0.2476, 0.2426



Tritanopia

30.2610, 0.2949, 0.3103

Trichromacy



Original Color

30.1816, 0.2640, 0.2334

Protanomaly

30.0358, 0.2482, 0.2310

Deuteranomaly

30.2575, 0.2532, 0.2385

Tritanomaly

30.0155, 0.2838, 0.2797

Monochromacy



Original Color

30.1816, 0.2640, 0.2334

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8723, 0.2937, 0.2918

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1816, 0.2640, 0.2334 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(153, 140, 210)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 140, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 140, 210) }
```

Border

The CSS property to change the border of an element to Yxy 30.1816, 0.2640, 0.2334 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(153, 140, 210) }
```

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

```
.border{ border-color:rgb(153, 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(153, 140, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 140, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 140, 210);  
box-shadow:4px 4px 4px 4px rgb(153, 140,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1816, 0.2640, 0.2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 140, 210) }
```

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

```
.background{ background-color: rgb(153,  
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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