

Converting Colors

$Y_{xy}(21.9403, 0.3028, 0.2833)$

Have a look what the booklet for
Yxy(21.9403, 0.3028, 0.2833)
contains.

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Color

Yxy(21.9434, 0.3031, 0.2842)

Conversions

Conversions Part 1

Format	Color
Hex	8C7B96
RGB	140, 123, 150
RGB Percent	55%, 48%, 59%
CMY	0.4510, 0.5176, 0.4117
CMYK	0.07, 0.18, 0.00, 0.41
HSL	278°, 11%, 54%
HSV	278°, 18%, 59%
XYZ	23.4027, 21.9434, 31.8650
YIQ	131.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

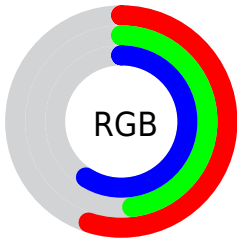
Format	Color
R_{YB}	140, 123, 150
Decimal	9206678
CIE _{Lab}	53.97, 11.80, -12.15
CIE _{LCh}	54, 16.941, 314.168
Yxy	21.9434, 0.3031, 0.2842
Android (android.graphics.Color)	4287396758 (0xFF8C7B96)
YUV	131.1610, 9.2876, 7.7518
Hunter-Lab	46.8438, 7.2002, -7.5408

Details

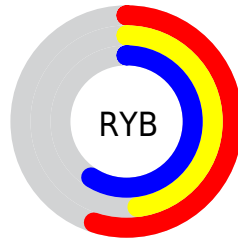
The Yxy color $21.9434, 0.3031, 0.2842$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $28.2397, 0.3208, 0.3749$, and the grayscale version is $22.7235, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.8796, 0.3058, 0.2945$, and $7.9721, 0.2996, 0.2679$ is the 20% darker color. If you saturate the color by 10%, you get $18.0310, 0.2965, 0.2574$, and if you desaturate by 10%, it is $26.4526, 0.3088, 0.3097$.

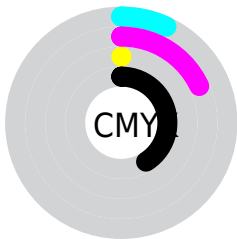
Distribution



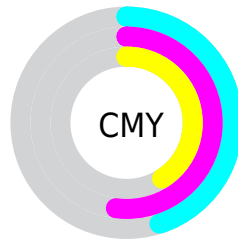
- Red (55%)
- Green (48%)
- Blue (59%)



- Red (55%)
- Yellow (48%)
- Blue (59%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (41%)



- Cyan (45%)
- Magenta (52%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.9434, 0.3031, 0.2842 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 21.9434, 0.3031, 0.2842 by changing the saturation by 10% instead.

■ 21.9434, 0.3031,
0.2842

■ 21.9434, 0.3031,
0.2842

262.2506, 0.3087,
0.3087

■ 13.8153, 0.3013,
0.2773

■ 46.6524, 0.3054,
0.2937

■ 7.9923, 0.2988,
0.2679

■ 64.0022, 0.3062,
0.2970

■ 4.0900, 0.2949,
0.2543

■ 85.1946, 0.3068,
0.2998

■ 1.7241, 0.2882,
0.2332

110.6141, 0.3073,
0.3022

■ 0.4392, 0.2800,
0.1743

140.6450, 0.3078,
0.3042

■ 0.0000, 0.0000,
0.0000

175.6718, 0.3081,

0.3059

216.0789, 0.3085,
0.3074

■ 21.9434, 0.3031,
0.2842

■ 21.9434, 0.3031,
0.2842

■ 18.0310, 0.2965,
0.2574

■ 26.4526, 0.3088,
0.3097

■ 14.6863, 0.2889,
0.2300

■ 31.5804, 0.3136,
0.3336

■ 11.8821, 0.2805,
0.2027

■ 37.3510, 0.3176,
0.3556

■ 9.5877, 0.2713,
0.1768

■ 43.7861, 0.3209,
0.3758

■ 7.7690, 0.2616,
0.1533

■ 50.9069, 0.3237,
0.3940

■ 6.3880, 0.2517,
0.1333

■ 58.7332, 0.3259,
0.4104

■ 5.4004, 0.2420,
0.1179

■ 67.2843, 0.3276,
0.4252

■ 4.7222, 0.2328,
0.1067

■ 76.5785, 0.3290,
0.4384

■ 4.5980, 0.2309,
0.1046

■ 84.6880, 0.3306,
0.4478

Harmonies

Analogous

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



21.9434, 0.2760, 0.2788



21.9434, 0.3031, 0.2842



21.9434, 0.3341, 0.3001

Triad

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



21.9434, 0.3031, 0.2842



21.9434, 0.3686, 0.3705



21.9434, 0.2671, 0.3324

Complementary

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



21.9434, 0.3031, 0.2842



28.2397, 0.3208, 0.3749

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.



21.9434, 0.2901, 0.3606



21.9434, 0.3031, 0.2842



21.9434, 0.3489, 0.3826

Square

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



21.9434, 0.3031, 0.2842



21.9434, 0.3729, 0.3485



21.9434, 0.3200, 0.3795



21.9434, 0.2561, 0.3048

Rectangle

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



21.9434, 0.3031, 0.2842



21.9434, 0.3525, 0.3149



21.9434, 0.3200, 0.3795



21.9434, 0.2736, 0.3422

Sweetspot

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



21.9443, 0.3031, 0.2842



49.1857, 0.3103, 0.3169



23.2884, 0.2850, 0.3001



10.7771, 0.3100, 0.3153



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



21.9443, 0.3031, 0.2842



35.5326, 0.3003, 0.2725



22.7560, 0.3183, 0.2906



5.8026, 0.3082, 0.3068



3.8309, 0.2316, 0.1049



0.0637, 0.2734, 0.1280

Inverse Universe

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



22.3481, 0.3342, 0.3125



36.4190, 0.3408, 0.3082



27.5414, 0.3076, 0.3707



5.8489, 0.3228, 0.3208



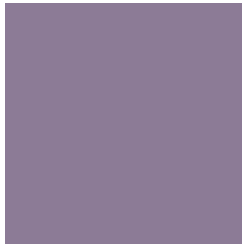
5.6181, 0.5434, 0.2767



0.0741, 0.4394, 0.2194

Previews

White Background



This preview shows how the Yxy color 21.9434, 0.3031, 0.2842 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 21.9434, 0.3031, 0.2842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

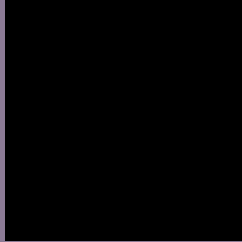
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9434, 0.3031, 0.2842

Background



This preview shows how black text looks on a background with the Yxy color 21.9434, 0.3031, 0.2842.



This preview shows how white text looks on a background with the Yxy color 21.9434, 0.3031, 0.2842.

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

21.9434, 0.3031, 0.2842

Protanopia

22.0233, 0.2827, 0.2859

Deuteranopia

21.9972, 0.2952, 0.2898



Tritanopia

22.0743, 0.3170, 0.3136

Trichromacy



Original Color

21.9434, 0.3031, 0.2842

Protanomaly

21.9345, 0.2899, 0.2847

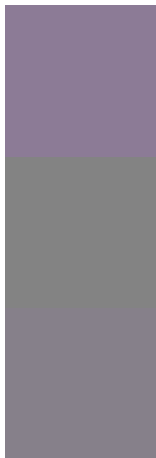
Deuteranomaly

21.9881, 0.2985, 0.2885

Tritanomaly

22.0496, 0.3127, 0.3036

Monochromacy



Original Color

21.9434, 0.3031, 0.2842

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.3417, 0.3089, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9434, 0.3031, 0.2842 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(140, 123, 150)` looks like.

```
.text, #text, p{  
    color:rgb(140, 123, 150)  
}
```

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(140, 123, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 123, 150) }
```

Border

The CSS property to change the border of an element to Yxy 21.9434, 0.3031, 0.2842 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(140, 123, 150) }
```

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

```
.border{ border-color:rgb(140, 123, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 123, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 123, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 123, 150);  
box-shadow:4px 4px 4px 4px rgb(140, 123,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9434, 0.3031, 0.2842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 123, 150) }
```

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

```
.background{ background-color: rgb(140,  
123, 150) }
```

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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