

Converting Colors

Yxy(31.9924, 0.2408, 0.2373)

Have a look what the booklet for
Yxy(31.9924, 0.2408, 0.2373)
contains.

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Color

Yxy(31.9018, 0.2408, 0.2374)

Conversions

Conversions Part 1	
Format	Color
Hex	7E98D9
RGB	126, 152, 217
RGB Percent	49%, 60%, 85%
CMY	0.5059, 0.4039, 0.1489
CMYK	0.42, 0.30, 0.00, 0.15
HSL	223°, 55%, 67%
HSV	223°, 42%, 85%
XYZ	32.3587, 31.9018, 70.1195
YIQ	151.6360, -36.3610, 14.7030

Conversions

Conversions Part 2

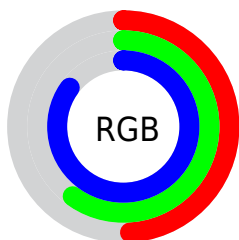
Format	Color
RYB	126, 146, 217
Decimal	8296665
CIELab	63.26, 7.49, -36.05
CIELCh	63, 36.823, 281.729
Yxy	31.9018, 0.2408, 0.2374
Android (android.graphics.Color)	4286486745 (0xFF7E98D9)
YUV	151.6360, 32.2245, -22.4828
Hunter-Lab	56.4817, 3.4208, -34.0687

Details

The Yxy color **31.9018, 0.2408, 0.2374** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.5347, 0.3867, 0.4057**, and the grayscale version is **31.1052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3077, 0.2652, 0.2737**, and **13.2556, 0.2185, 0.2103** is the 20% darker color. If you saturate the color by 10%, you get **25.7205, 0.2224, 0.2107**, and if you desaturate by 10%, it is **39.1011, 0.2593, 0.2626**.

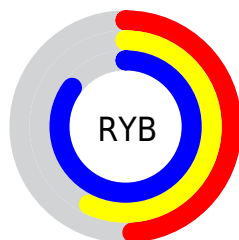
Distribution



Red (49%)

Green (60%)

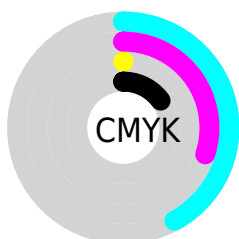
Blue (85%)



Red (49%)

Yellow (57%)

Blue (85%)

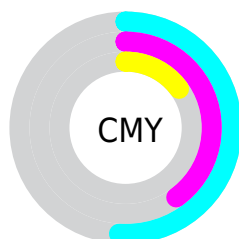


Cyan (42%)

Magenta (30%)

Yellow (0%)

Black (15%)



Cyan (51%)


Magenta (40%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.9018, 0.2408, 0.2374 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 31.9018, 0.2408, 0.2374 by changing the saturation by 10% instead.


 31.9018, 0.2408,
0.2374


 31.9018, 0.2408,
0.2374


310.6717, 0.2781,
0.2837

 21.2865, 0.2313,
0.2259

 62.6571, 0.2545,
0.2542

 13.3336, 0.2190,
0.2113


 83.5659, 0.2597,
0.2606

 7.6587, 0.2027,
0.1922


 108.6747, 0.2640,
0.2659

 3.8773, 0.1803,
0.1666

138.3678, 0.2676,
0.2705

 1.6052, 0.1483,
0.1313

173.0297, 0.2708,
0.2745

 0.3611, 0.0972,
0.0667


213.0447, 0.2735,


 0.0000, 0.0000,

0.2780


0.0000


258.7972, 0.2759,
0.2810


 31.9018, 0.2408,
0.2374


 31.9018, 0.2408,
0.2374

 25.7205, 0.2224,
0.2107

 39.1011, 0.2593,
0.2626

 20.5050, 0.2048,
0.1834

 47.3601, 0.2771,
0.2859


 16.2033, 0.1888,
0.1565

 56.7223, 0.2941,
0.3069

 12.7566, 0.1755,
0.1315

 67.2277, 0.3098,
0.3256

 10.0977, 0.1655,
0.1096

 78.9141, 0.3242,
0.3421

■ 8.4570, 0.1597,
0.0947

■ 91.5873, 0.3365,
0.3566

■ 97.7915, 0.3351,
0.3661

Harmonies

Analogous

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



31.9018, 0.2136, 0.2491



31.9018, 0.2408, 0.2374



31.9018, 0.2884, 0.2465

Triad

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



31.9018, 0.2408, 0.2374



31.9018, 0.4280, 0.3571



31.9018, 0.2725, 0.3963

Complementary

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



31.9018, 0.2408, 0.2374



53.5347, 0.3867, 0.4057

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.



31.9018, 0.3283, 0.4319



31.9018, 0.2408, 0.2374



31.9018, 0.4203, 0.4002

Square

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



31.9018, 0.2408, 0.2374



31.9018, 0.4009, 0.3121



31.9018, 0.3827, 0.4303



31.9018, 0.2300, 0.3381

Rectangle

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



31.9018, 0.2408, 0.2374



31.9018, 0.3276, 0.2625



31.9018, 0.3827, 0.4303



31.9018, 0.2903, 0.4119

Sweetspot

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



31.9030, 0.2408, 0.2374



80.0573, 0.2921, 0.3046



57.7830, 0.2703, 0.3659



16.4716, 0.2884, 0.3000



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.



31.9030, 0.2408, 0.2374



38.2945, 0.2251, 0.2148



25.8782, 0.2494, 0.2047



13.2200, 0.2981, 0.3118



5.2745, 0.1603, 0.0972



0.4872, 0.1694, 0.1296

Inverse Universe

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



31.9432, 0.3889, 0.2975



39.2458, 0.4131, 0.2916



63.2667, 0.3604, 0.4376



13.1124, 0.3247, 0.3223



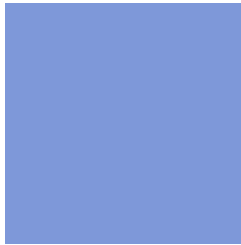
9.1562, 0.5801, 0.2969



0.6079, 0.5332, 0.2711

Previews

White Background



This preview shows how the Yxy color 31.9018, 0.2408, 0.2374 looks on a white background.

Color Contrast Check

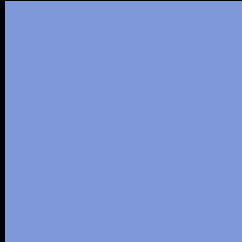
Large Text (above 18pt) WCAG AA × Fail

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 31.9018, 0.2408, 0.2374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

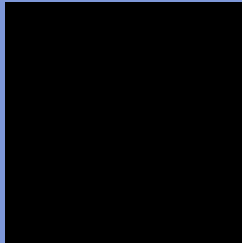
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9018, 0.2408, 0.2374

Background



This preview shows how black text looks on a background with the Yxy color 31.9018, 0.2408, 0.2374.



This preview shows how white text looks on a background with the Yxy color 31.9018, 0.2408, 0.2374.

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

31.9018, 0.2408, 0.2374

Protanopia

31.9966, 0.2454, 0.2381

Deuteranopia

31.8101, 0.2427, 0.2365



Tritanopia

31.7361, 0.2626, 0.3080

Trichromacy



Original Color
31.9018, 0.2408, 0.2374

Protanomaly
31.8369, 0.2440, 0.2378

Deuteranomaly
31.7322, 0.2420, 0.2363

Tritanomaly
31.6396, 0.2539, 0.2798

Monochromacy



Original Color
31.9018, 0.2408, 0.2374

Achromatopsia
31.3989, 0.3127, 0.3290

Achromatomaly
31.4307, 0.2831, 0.2928

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9018, 0.2408, 0.2374 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(126, 152, 217) looks like.

```
.text, #text, p{  
    color:rgb(126, 152, 217)  
}
```


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(126, 152, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 152, 217) }
```

Border

The CSS property to change the border of an element to Yxy 31.9018, 0.2408, 0.2374 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(126, 152, 217) }
```


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

```
.border{ border-color:rgb(126, 152, 217) }
```

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

Here you see how a box with a 4 pixel rgb(126, 152, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 152, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 152, 217);  
box-shadow:4px 4px 4px 4px rgb(126, 152,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9018, 0.2408, 0.2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 152, 217) }
```

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

```
.background{ background-color: rgb(126,  
152, 217) }
```

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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