

Converting Colors

Yxy(30.9164, 0.2542, 0.2158)

Have a look what the booklet for
Yxy(30.9164, 0.2542, 0.2158)
contains.

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Color

Yxy(30.9248, 0.2544, 0.2157)

Conversions

Conversions Part 1

Format	Color
Hex	9B8BE2
RGB	155, 139, 226
RGB Percent	61%, 55%, 89%
CMY	0.3922, 0.4549, 0.1139
CMYK	0.31, 0.38, 0.00, 0.11
HSL	251°, 60%, 72%
HSV	251°, 38%, 89%
XYZ	36.4732, 30.9248, 75.9715
YIQ	153.7020, -18.3910, 30.4490

Conversions

Conversions Part 2

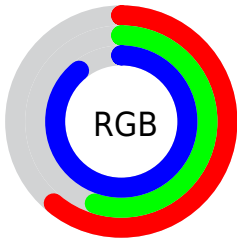
Format	Color
R_{YB}	155, 139, 226
Decimal	10193890
CIE _{Lab}	62.44, 25.22, -42.14
CIE _{LCh}	62, 49.111, 300.900
Yxy	30.9248, 0.2544, 0.2157
Android (android.graphics.Color)	4288383970 (0xFF9B8BE2)
YUV	153.7020, 35.6429, 1.1383
Hunter-Lab	55.6101, 19.7559, -42.0718

Details

The Yxy color **30.9248, 0.2544, 0.2157** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **69.9351, 0.3579, 0.4285**, and the grayscale version is **32.0255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2088, 0.2833, 0.2622**, and **12.8137, 0.2359, 0.1866** is the 20% darker color. If you saturate the color by 10%, you get **23.3567, 0.2356, 0.1818**, and if you desaturate by 10%, it is **40.1261, 0.2720, 0.2486**.

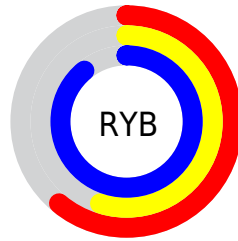
Distribution



Red (61%)

Green (55%)

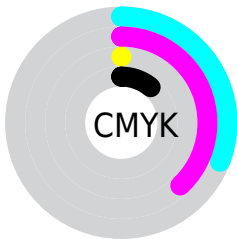
Blue (89%)



Red (61%)

Yellow (55%)

Blue (89%)

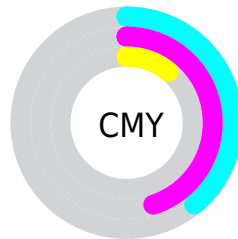


Cyan (31%)

Magenta (38%)

Yellow (0%)

Black (11%)



Cyan (39%)

Magenta (45%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.9248, 0.2544, 0.2157 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 30.9248, 0.2544, 0.2157 by changing the saturation by 10% instead.

■ 30.9248, 0.2544,
0.2157

■ 30.9248, 0.2544,
0.2157

■ 306.1917, 0.2855,
0.2712

■ 20.5416, 0.2462,
0.2025

■ 61.1217, 0.2661,
0.2354

■ 12.7893, 0.2356,
0.1862

■ 81.7041, 0.2703,
0.2429

■ 7.2836, 0.2213,
0.1654

■ 106.4551, 0.2739,
0.2494

■ 3.6401, 0.2014,
0.1385

■ 135.7590, 0.2770,
0.2549

■ 1.4744, 0.1724,
0.1035

■ 170.0002, 0.2796,
0.2598

■ 0.2706, 0.1314,
0.0407

■ 209.5631, 0.2818,

■ 0.0000, 0.0000,

0.2640

0.0000

254.8322, 0.2838,
0.2678

■ 30.9248, 0.2544,
0.2157

■ 30.9248, 0.2544,
0.2157

■ 23.3567, 0.2356,
0.1818

■ 40.1261, 0.2720,
0.2486

■ 17.3219, 0.2164,
0.1487

■ 51.0458, 0.2880,
0.2795

■ 12.7147, 0.1979,
0.1186

■ 63.7670, 0.3022,
0.3075

■ 9.4142, 0.1814,
0.0938

■ 78.3666, 0.3145,
0.3326

■ 7.2791, 0.1682,
0.0759

■ 94.9168, 0.3250,
0.3548

■ 6.1068, 0.1589,
0.0655

■ 98.2690, 0.3298,
0.3572

■ 5.9718, 0.1577,
0.0643

Harmonies

Analogous

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



30.9248, 0.2030, 0.2121



30.9248, 0.2544, 0.2157



30.9248, 0.3291, 0.2419

Triad

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



30.9248, 0.2544, 0.2157



30.9248, 0.4642, 0.3979



30.9248, 0.2198, 0.3702

Complementary

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



30.9248, 0.2544, 0.2157



69.9351, 0.3579, 0.4285

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.



30.9248, 0.2823, 0.4463



30.9248, 0.2544, 0.2157



30.9248, 0.4242, 0.4494

Square

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



30.9248, 0.2544, 0.2157



30.9248, 0.4601, 0.3403



30.9248, 0.3572, 0.4743



30.9248, 0.1845, 0.2893

Rectangle

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



30.9248, 0.2544, 0.2157



30.9248, 0.3832, 0.2697



30.9248, 0.3572, 0.4743



30.9248, 0.2381, 0.3985

Sweetspot

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



30.9260, 0.2544, 0.2157



77.5740, 0.2973, 0.2978



57.0831, 0.2564, 0.3086



16.1281, 0.2955, 0.2941



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.



30.9260, 0.2544, 0.2157



32.7096, 0.2397, 0.1892



36.0215, 0.2919, 0.2268



13.3639, 0.3009, 0.3050



3.4454, 0.1588, 0.0648



0.2746, 0.1725, 0.0724

Inverse Universe

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



39.2831, 0.3320, 0.2498



45.2588, 0.3370, 0.2345



64.4034, 0.3257, 0.4398



13.8901, 0.3166, 0.3101



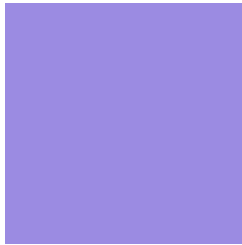
11.2255, 0.3735, 0.1831



0.7895, 0.3639, 0.1779

Previews

White Background



This preview shows how the Yxy color 30.9248, 0.2544, 0.2157 looks on a white background.

Color Contrast Check

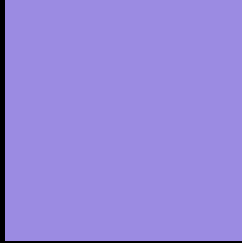
Large Text (above 18pt) WCAG AA × Fail

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 30.9248, 0.2544, 0.2157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

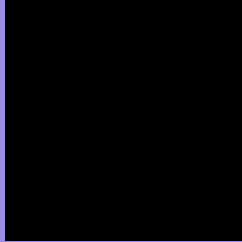
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9248, 0.2544, 0.2157

Background



This preview shows how black text looks on a background with the Yxy color 30.9248, 0.2544, 0.2157.



This preview shows how white text looks on a background with the Yxy color 30.9248, 0.2544, 0.2157.

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

30.9248, 0.2544, 0.2157

Protanopia

31.1134, 0.2267, 0.2125

Deuteranopia

31.1164, 0.2318, 0.2256



Tritanopia

30.8876, 0.2922, 0.3104

Trichromacy



Original Color

30.9248, 0.2544, 0.2157

Protanomaly

31.0069, 0.2360, 0.2138

Deuteranomaly

30.8995, 0.2389, 0.2211

Tritanomaly

30.6583, 0.2773, 0.2704

Monochromacy



Original Color

30.9248, 0.2544, 0.2157

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6602, 0.2896, 0.2838

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9248, 0.2544, 0.2157 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(155, 139, 226)` looks like.

```
.text, #text, p{  
    color:rgb(155, 139, 226)  
}
```

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(155, 139, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 139, 226) }
```

Border

The CSS property to change the border of an element to Yxy 30.9248, 0.2544, 0.2157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

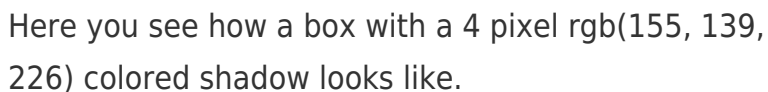
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 139, 226) }
```

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

```
.border{ border-color:rgb(155, 139, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 139, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 139, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 139, 226);  
box-shadow:4px 4px 4px 4px rgb(155, 139,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9248, 0.2544, 0.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 139, 226) }
```

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

```
.background{ background-color: rgb(155,  
139, 226) }
```

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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