

Converting Colors

$Y_{xy}(32.0961, 0.2549, 0.2294)$

Have a look what the booklet for
Yxy(32.0961, 0.2549, 0.2294)
contains.

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Color

Yxy(32.1146, 0.2547, 0.2298)

Conversions

Conversions Part 1

Format	Color
Hex	9592DC
RGB	149, 146, 220
RGB Percent	58%, 57%, 86%
CMY	0.4156, 0.4275, 0.1372
CMYK	0.32, 0.34, 0.00, 0.14
HSL	242°, 51%, 72%
HSV	242°, 34%, 86%
XYZ	35.5944, 32.1146, 72.0412
YIQ	155.3330, -21.9660, 23.6500

Conversions

Conversions Part 2

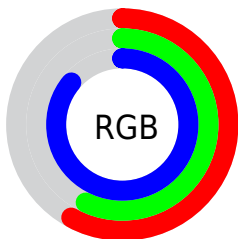
Format	Color
R_{YB}	149, 146, 220
Decimal	9802460
CIE _{Lab}	63.44, 18.00, -37.31
CIE _{LCh}	63, 41.428, 295.748
Yxy	32.1146, 0.2547, 0.2298
Android (android.graphics.Color)	4287992540 (0xFF9592DC)
YUV	155.3330, 31.8808, -5.5540
Hunter-Lab	56.6697, 12.9442, -35.7034

Details

The Yxy color **32.1146, 0.2547, 0.2298** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68.0194, 0.3608, 0.4132**, and the grayscale version is **32.7984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5077, 0.2796, 0.2692**, and **13.5692, 0.2367, 0.2033** is the 20% darker color. If you saturate the color by 10%, you get **24.1645, 0.2339, 0.1948**, and if you desaturate by 10%, it is **41.7320, 0.2742, 0.2629**.

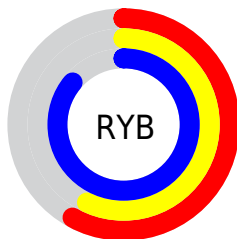
Distribution



Red (58%)

Green (57%)

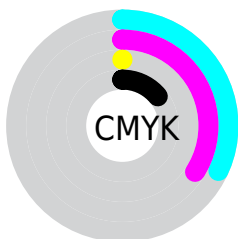
Blue (86%)



Red (58%)

Yellow (57%)

Blue (86%)

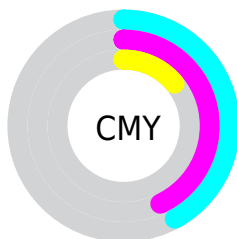


Cyan (32%)

Magenta (34%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (43%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1146, 0.2547, 0.2298 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 32.1146, 0.2547, 0.2298 by changing the saturation by 10% instead.

■ 32.1146, 0.2547,
0.2298

■ 32.1146, 0.2547,
0.2298

■ 311.6410, 0.2853,
0.2790

■ 21.4490, 0.2467,
0.2179

■ 62.9907, 0.2661,
0.2475

■ 13.4526, 0.2364,
0.2029

■ 83.9700, 0.2703,
0.2542

■ 7.7410, 0.2225,
0.1835

■ 109.1561, 0.2738,
0.2599

■ 3.9296, 0.2031,
0.1580

■ 138.9333, 0.2768,
0.2648

■ 1.6343, 0.1746,
0.1234

■ 173.6859, 0.2794,
0.2690

■ 0.3806, 0.1331,
0.0632

■ 213.7985, 0.2816,

■ 0.0000, 0.0000,

0.2728

0.0000

259.6554, 0.2836,
0.2761

■ 32.1146, 0.2547,
0.2298

■ 32.1146, 0.2547,
0.2298

■ 24.1645, 0.2339,
0.1948

■ 41.7320, 0.2742,
0.2629

■ 17.7835, 0.2129,
0.1596

■ 53.1002, 0.2919,
0.2931

■ 12.8686, 0.1928,
0.1266

■ 66.3013, 0.3075,
0.3200

■ 9.3034, 0.1755,
0.0984

■ 81.4114, 0.3212,
0.3436

■ 6.9535, 0.1622,
0.0774

■ 97.8602, 0.3330,
0.3631

■ 5.6568, 0.1539,
0.0649

■ 97.9480, 0.3333,
0.3631

■ 5.2259, 0.1510,
0.0606

Harmonies

Analogous

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



32.1146, 0.2138, 0.2311



32.1146, 0.2547, 0.2298



32.1146, 0.3155, 0.2494

Triad

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



32.1146, 0.2547, 0.2298



32.1146, 0.4425, 0.3820



32.1146, 0.2426, 0.3755

Complementary

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



32.1146, 0.2547, 0.2298



68.0194, 0.3608, 0.4132

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.



32.1146, 0.2993, 0.4320



32.1146, 0.2547, 0.2298



32.1146, 0.4159, 0.4261

Square

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



32.1146, 0.2547, 0.2298



32.1146, 0.4307, 0.3322



32.1146, 0.3629, 0.4489



32.1146, 0.2069, 0.3078

Rectangle

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



32.1146, 0.2547, 0.2298



32.1146, 0.3606, 0.2720



32.1146, 0.3629, 0.4489



32.1146, 0.2597, 0.3973

Sweetspot

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



32.1158, 0.2547, 0.2298



80.4481, 0.2977, 0.3031



61.1862, 0.2648, 0.3258



16.6769, 0.2954, 0.2992



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.



32.1158, 0.2547, 0.2298



37.1865, 0.2409, 0.2065



36.0980, 0.2853, 0.2378



12.6424, 0.2987, 0.3049



3.0783, 0.1514, 0.0607



0.2085, 0.1554, 0.0630

Inverse Universe

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



40.7841, 0.3193, 0.2489



50.9975, 0.3207, 0.2336



63.0364, 0.3326, 0.4216



13.2652, 0.3144, 0.3069



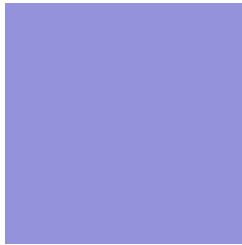
11.6953, 0.3313, 0.1599



0.7606, 0.3295, 0.1589

Previews

White Background



This preview shows how the Yxy color 32.1146, 0.2547, 0.2298 looks on a white background.

Color Contrast Check

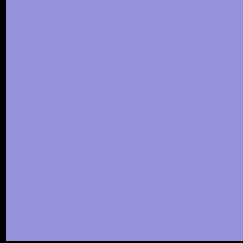
Large Text (above 18pt) WCAG AA × Fail

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 32.1146, 0.2547, 0.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

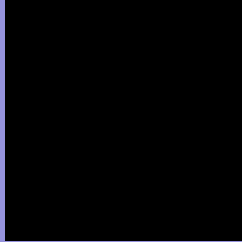
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1146, 0.2547, 0.2298

Background



This preview shows how black text looks on a background with the Yxy color 32.1146, 0.2547, 0.2298.



This preview shows how white text looks on a background with the Yxy color 32.1146, 0.2547, 0.2298.

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

32.1146, 0.2547, 0.2298

Protanopia

32.1822, 0.2386, 0.2287

Deuteranopia

32.2381, 0.2417, 0.2357



Tritanopia

32.0448, 0.2847, 0.3089

Trichromacy



Original Color

32.1146, 0.2547, 0.2298

Protanomaly

32.0568, 0.2436, 0.2282

Deuteranomaly

32.1614, 0.2462, 0.2340

Tritanomaly

31.8381, 0.2727, 0.2760

Monochromacy



Original Color

32.1146, 0.2547, 0.2298

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.4835, 0.2897, 0.2895

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1146, 0.2547, 0.2298 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(149, 146, 220)` looks like.

```
.text, #text, p{  
    color:rgb(149, 146, 220)  
}
```

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(149, 146, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 146, 220) }
```

Border

The CSS property to change the border of an element to Yxy 32.1146, 0.2547, 0.2298 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(149, 146, 220) }
```

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

```
.border{ border-color:rgb(149, 146, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 146, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 146, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 146, 220);  
box-shadow:4px 4px 4px 4px rgb(149, 146,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1146, 0.2547, 0.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 146, 220) }
```

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

```
.background{ background-color: rgb(149,  
146, 220) }
```

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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