

Converting Colors

Yxy(30.0644, 0.2445, 0.1841)

Have a look what the booklet for
Yxy(30.0644, 0.2445, 0.1841)
contains.

Yxy(30.0644, 0.2445, 0.1841)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.0644, 0.2445, 0.1841)

Conversions

Conversions Part 1

Format	Color
Hex	A380F9
RGB	163, 128, 249
RGB Percent	64%, 50%, 98%
CMY	0.3606, 0.4981, 0.0236
CMYK	0.35, 0.49, 0.00, 0.02
HSL	257°, 91%, 74%
HSV	257°, 49%, 98%
XYZ	39.9280, 30.0644, 93.3123
YIQ	152.2590, -17.9810, 45.0510

Conversions

Conversions Part 2

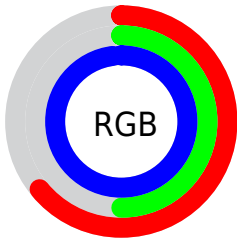
Format	Color
R _Y B	163, 128, 249
Decimal	10715385
CIE Lab	61.71, 39.51, -55.99
CIE LCh	62, 68.529, 305.212
Yxy	30.0644, 0.2445, 0.1841
Android (android.graphics.Color)	4288905465 (0xFFA380F9)
YUV	152.2590, 47.6933, 9.4199
Hunter-Lab	54.8310, 34.0296, -62.5190

Details

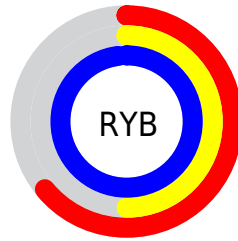
The Yxy color **30.0644, 0.2445, 0.1841** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **83.5883, 0.3594, 0.4589**, and the grayscale version is **31.3153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6399, 0.2901, 0.2506**, and **12.3803, 0.2233, 0.1510** is the 20% darker color. If you saturate the color by 10%, you get **22.6099, 0.2269, 0.1522**, and if you desaturate by 10%, it is **39.3755, 0.2614, 0.2169**.

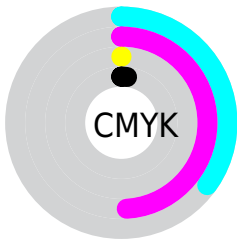
Distribution



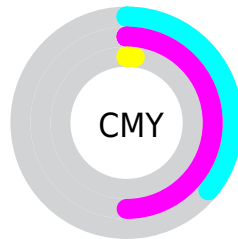
- Red (64%)
- Green (50%)
- Blue (98%)



- Red (64%)
- Yellow (50%)
- Blue (98%)



- Cyan (35%)
- Magenta (49%)
- Yellow (0%)
- Black (2%)




- Cyan (36%)
- Magenta (50%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0644, 0.2445, 0.1841 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 30.0644, 0.2445, 0.1841 by changing the saturation by 10% instead.


 30.0644, 0.2445,
0.1841


 30.0644, 0.2445,
0.1841


302.2045, 0.2811,
0.2521


 19.8875, 0.2351,
0.1690


 59.7640, 0.2581,
0.2075

 12.3133, 0.2230,
0.1507


 80.0555, 0.2632,
0.2167

 6.9574, 0.2070,
0.1285


 104.4873, 0.2674,
0.2246

 3.4355, 0.1854,
0.1016

133.4437, 0.2710,
0.2315

 1.3631, 0.1556,
0.0695

167.3093, 0.2740,
0.2376

 0.1893, 0.1160,
0.0186

206.4684, 0.2767,

 0.0000, 0.0200,


0.2430


0.0000


251.3053, 0.2790,
0.2478


 0.0000, 0.0000,
0.0000


 30.0644, 0.2445,
0.1841

 30.0644, 0.2445,
0.1841


 22.6099, 0.2269,
0.1522


 39.3755, 0.2614,
0.2169


 16.8791, 0.2095,
0.1233


 50.6565, 0.2771,
0.2490

 12.7265, 0.1934,
0.0992

 64.0157, 0.2911,
0.2793

 9.9796, 0.1796,
0.0816

 79.5523, 0.3035,
0.3072

 8.3957, 0.1687,
0.0708

 97.3589, 0.3141,
0.3324

■ 8.2225, 0.1674,
0.0696

■ 99.6189, 0.3162,
0.3347

Harmonies

Analogous

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



30.0644, 0.1747, 0.1740



30.0644, 0.2445, 0.1841



30.0644, 0.3494, 0.2205

Triad

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



30.0644, 0.2445, 0.1841



30.0644, 0.5103, 0.4195



30.0644, 0.1759, 0.3666

Complementary

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



30.0644, 0.2445, 0.1841



83.5883, 0.3594, 0.4589

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.



30.0644, 0.2514, 0.4900



30.0644, 0.2445, 0.1841



30.0644, 0.4432, 0.4933

Square

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



30.0644, 0.2445, 0.1841



30.0644, 0.5224, 0.3457



30.0644, 0.3493, 0.5356



30.0644, 0.1403, 0.2555

Rectangle

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



30.0644, 0.2445, 0.1841



30.0644, 0.4260, 0.2569



30.0644, 0.3493, 0.5356



30.0644, 0.1970, 0.4107

Sweetspot

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



30.0655, 0.2445, 0.1841



73.1838, 0.2957, 0.2896



59.8781, 0.2407, 0.2870



14.9496, 0.2931, 0.2836



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.



30.0655, 0.2445, 0.1841



24.2363, 0.2278, 0.1539



37.9255, 0.2949, 0.2027



16.8866, 0.3024, 0.3048



4.4643, 0.1688, 0.0704



0.4651, 0.1810, 0.0771

Inverse Universe

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



40.4239, 0.3515, 0.2412



36.5569, 0.3621, 0.2266



76.1933, 0.3201, 0.4769



17.4338, 0.3183, 0.3123



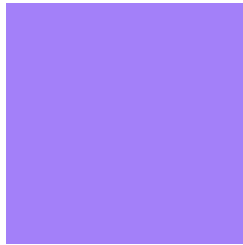
12.5023, 0.4109, 0.2037



1.1763, 0.3976, 0.1964

Previews

White Background



This preview shows how the Yxy color 30.0644, 0.2445, 0.1841 looks on a white background.

Color Contrast Check

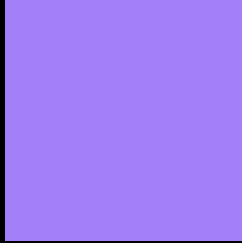
Large Text (above 18pt) WCAG AA × Fail

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 30.0644, 0.2445, 0.1841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

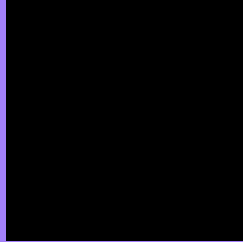
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0644, 0.2445, 0.1841

Background



This preview shows how black text looks on a background with the Yxy color 30.0644, 0.2445, 0.1841.



This preview shows how white text looks on a background with the Yxy color 30.0644, 0.2445, 0.1841.

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

30.0644, 0.2445, 0.1841

Protanopia

30.2375, 0.2065, 0.1861

Deuteranopia

30.4682, 0.2068, 0.2009



Tritanopia

29.9974, 0.2967, 0.3103

Trichromacy



Original Color

30.0644, 0.2445, 0.1841



Protanomaly

29.8422, 0.2178, 0.1843



Deuteranomaly

29.7128, 0.2171, 0.1925



Tritanomaly

29.4793, 0.2755, 0.2545

Monochromacy



Original Color

30.0644, 0.2445, 0.1841



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

30.3007, 0.2852, 0.2659

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0644, 0.2445, 0.1841 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(163, 128, 249)` looks like.

```
.text, #text, p{  
    color:rgb(163, 128, 249)  
}
```

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(163, 128, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 128, 249) }
```

Border

The CSS property to change the border of an element to Yxy 30.0644, 0.2445, 0.1841 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(163, 128, 249) }
```

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

```
.border{ border-color:rgb(163, 128, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 128, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 128, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 128, 249);  
box-shadow:4px 4px 4px 4px rgb(163, 128,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0644, 0.2445, 0.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 128, 249) }
```

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

```
.background{ background-color: rgb(163,  
128, 249) }
```

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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