

Converting Colors

$Y_{xy}(14.0998, 0.2585, 0.1608)$

Have a look what the booklet for
Yxy(14.0998, 0.2585, 0.1608)
contains.

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Color

Yxy(14.1021, 0.2582, 0.1611)

Conversions

Conversions Part 1

Format	Color
Hex	8C49BF
RGB	140, 73, 191
RGB Percent	55%, 29%, 75%
CMY	0.4510, 0.7137, 0.2509
CMYK	0.27, 0.62, 0.00, 0.25
HSL	274°, 48%, 52%
HSV	274°, 62%, 75%
XYZ	22.6019, 14.1021, 50.8323
YIQ	106.4850, 2.0540, 50.9020

Conversions

Conversions Part 2

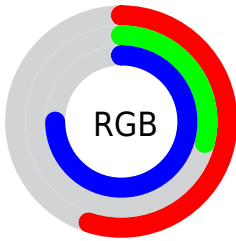
Format	Color
R_{YB}	140, 73, 191
Decimal	9193919
CIE _{Lab}	44.38, 49.52, -51.05
CIE _{LCh}	44, 71.119, 314.126
Yxy	14.1021, 0.2582, 0.1611
Android (android.graphics.Color)	4287383999 (0xFF8C49BF)
YUV	106.4850, 41.6659, 29.3927
Hunter-Lab	37.5528, 41.7164, -53.9695

Details

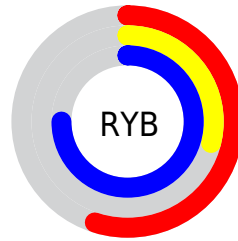
The Yxy color **14.1021, 0.2582, 0.1611** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **42.0391, 0.3387, 0.5057**, and the grayscale version is **14.4363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3149, 0.2729, 0.1922**, and **4.2032, 0.2313, 0.1144** is the 20% darker color. If you saturate the color by 10%, you get **11.2755, 0.2466, 0.1377**, and if you desaturate by 10%, it is **17.7543, 0.2694, 0.1876**.

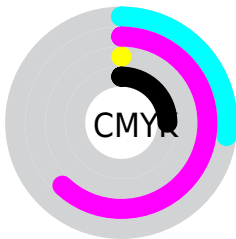
Distribution



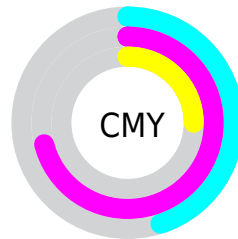
- Red (55%)
- Green (29%)
- Blue (75%)



- Red (55%)
- Yellow (29%)
- Blue (75%)



- Cyan (27%)
- Magenta (62%)
- Yellow (0%)
- Black (25%)





- Cyan (45%)
- Magenta (71%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1021, 0.2582, 0.1611 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 14.1021, 0.2582, 0.1611 by changing the saturation by 10% instead.


 14.1021, 0.2582,
0.1611


 14.1021, 0.2582,
0.1611


217.8651, 0.2925,
0.2468


 8.1917, 0.2473,
0.1405


 33.2701, 0.2724,
0.1920


 4.2179, 0.2320,
0.1152


 47.2965, 0.2772,
0.2037

 1.7962, 0.2096,
0.0842

 64.7970, 0.2811,
0.2137

 0.4848, 0.1764,
0.0434

 86.1560, 0.2842,
0.2222

 0.0000, 0.1216,
0.0000

 111.7579, 0.2869,
0.2296

 0.0000, 0.0000,
0.0000

141.9871, 0.2890,

0.2361

177.2281, 0.2909,
0.2417

■ 14.1021, 0.2582,
0.1611

■ 14.1021, 0.2582,
0.1611

■ 11.2755, 0.2466,
0.1377

■ 17.7543, 0.2694,
0.1876

■ 9.1985, 0.2352,
0.1186

■ 22.2956, 0.2800,
0.2158

■ 7.7833, 0.2243,
0.1046

■ 27.7849, 0.2896,
0.2446

■ 6.9772, 0.2159,
0.0963

■ 34.2755, 0.2981,
0.2727

■ 41.8166, 0.3054,
0.2996

■ 50.4541, 0.3117,
0.3247

■ 60.2313, 0.3170,
0.3478

■ 71.1889, 0.3214,
0.3689

■ 83.3656, 0.3250,
0.3879

Harmonies

Analogous

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



14.1021, 0.1612, 0.1397



14.1021, 0.2582, 0.1611



14.1021, 0.4043, 0.2112

Triad

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



14.1021, 0.2582, 0.1611



14.1021, 0.5315, 0.4504



14.1021, 0.1215, 0.3219

Complementary

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



14.1021, 0.2582, 0.1611



42.0391, 0.3387, 0.5057

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.



14.1021, 0.1936, 0.5086



14.1021, 0.2582, 0.1611



14.1021, 0.4269, 0.5524

Square

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



14.1021, 0.2582, 0.1611



14.1021, 0.5844, 0.3592



14.1021, 0.3061, 0.6065



14.1021, 0.0989, 0.2003

Rectangle

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



14.1021, 0.2582, 0.1611



14.1021, 0.5029, 0.2568



14.1021, 0.3061, 0.6065



14.1021, 0.1395, 0.3812

Sweetspot

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



14.1026, 0.2582, 0.1611



64.5451, 0.3000, 0.2795



19.6306, 0.2128, 0.2155



13.3630, 0.2977, 0.2716



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



14.1026, 0.2582, 0.1611



18.7862, 0.2427, 0.1307



19.2698, 0.3290, 0.1954



9.4853, 0.3070, 0.3059



4.6326, 0.2172, 0.0970



0.2194, 0.2417, 0.1105

Inverse Universe

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



17.3007, 0.4182, 0.2630



25.5369, 0.4552, 0.2565



39.2792, 0.2997, 0.5149



9.6030, 0.3222, 0.3191



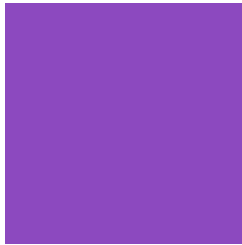
7.7010, 0.5217, 0.2647



0.3148, 0.4618, 0.2317

Previews

White Background



This preview shows how the Yxy color 14.1021, 0.2582, 0.1611 looks on a white background.

Color Contrast Check

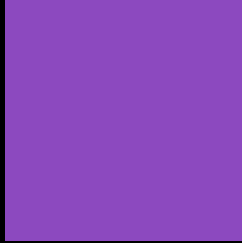
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 14.1021, 0.2582, 0.1611 looks on a black 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

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

Yxy 14.1021, 0.2582, 0.1611

Background



This preview shows how black text looks on a background with the Yxy color 14.1021, 0.2582, 0.1611.



This preview shows how white text looks on a background with the Yxy color 14.1021, 0.2582, 0.1611.

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

14.1021, 0.2582, 0.1611

Protanopia

14.2652, 0.1737, 0.1454

Deuteranopia

14.4074, 0.1927, 0.1883



Tritanopia

14.1153, 0.3434, 0.3153

Trichromacy



Original Color

14.1021, 0.2582, 0.1611



Protanomaly

12.6910, 0.1825, 0.1415



Deuteranomaly

13.3088, 0.2054, 0.1704



Tritanomaly

13.6682, 0.3080, 0.2445

Monochromacy



Original Color

14.1021, 0.2582, 0.1611



Achromatopsia

14.4128, 0.3127, 0.3290



Achromatomaly

13.6631, 0.2901, 0.2479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1021, 0.2582, 0.1611 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, 73, 191)` looks like.

```
.text, #text, p{  
    color:rgb(140, 73, 191)  
}
```

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, 73, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 73, 191) }
```

Border

The CSS property to change the border of an element to Yxy 14.1021, 0.2582, 0.1611 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, 73, 191) }
```

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

```
.border{ border-color:rgb(140, 73, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 73, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 73, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 73, 191);  
box-shadow:4px 4px 4px 4px rgb(140, 73,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1021, 0.2582, 0.1611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 73, 191) }
```

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

```
.background{ background-color: rgb(140, 73,  
191) }
```

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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