

Converting Colors

$Y_{xy}(14.0060, 0.2760, 0.1750)$

Have a look what the booklet for
Yxy(14.0060, 0.2760, 0.1750)
contains.

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Color

Yxy(14.0395, 0.2760, 0.1746)

Conversions

Conversions Part 1

Format	Color
Hex	9149B3
RGB	145, 73, 179
RGB Percent	57%, 29%, 70%
CMY	0.4314, 0.7137, 0.2981
CMYK	0.19, 0.59, 0.00, 0.30
HSL	281°, 42%, 49%
HSV	281°, 59%, 70%
XYZ	22.1930, 14.0395, 44.1770
YIQ	106.6120, 8.8860, 48.2300

Conversions

Conversions Part 2

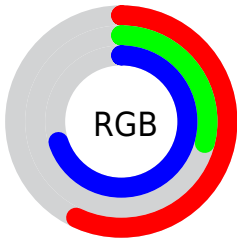
Format	Color
R_{YB}	145, 73, 179
Decimal	9521587
CIE _{Lab}	44.29, 48.02, -44.11
CIE _{LCh}	44, 65.208, 317.429
Yxy	14.0395, 0.2760, 0.1746
Android (android.graphics.Color)	4287711667 (0xFF9149B3)
YUV	106.6120, 35.6873, 33.6663
Hunter-Lab	37.4693, 40.1540, -43.6754

Details

The Yxy color **14.0395, 0.2760, 0.1746** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **35.8396, 0.3284, 0.5033**, and the grayscale version is **14.4894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0829, 0.2865, 0.2042**, and **4.1962, 0.2548, 0.1286** is the 20% darker color. If you saturate the color by 10%, you get **11.5080, 0.2675, 0.1524**, and if you desaturate by 10%, it is **17.2752, 0.2841, 0.1996**.

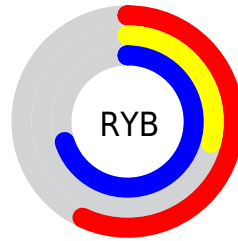
Distribution



Red (57%)

Green (29%)

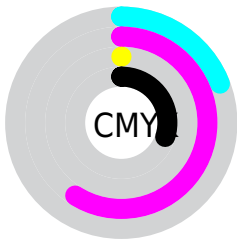
Blue (70%)



Red (57%)

Yellow (29%)

Blue (70%)

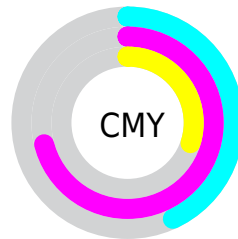


Cyan (19%)

Magenta (59%)

Yellow (0%)

Black (30%)



Cyan (43%)


Magenta (71%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0395, 0.2760, 0.1746 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 14.0395, 0.2760, 0.1746 by changing the saturation by 10% instead.


 14.0395, 0.2760,
0.1746


 14.0395, 0.2760,
0.1746


217.4764, 0.3003,
0.2549


 8.1481, 0.2677,
0.1545


 33.1591, 0.2864,
0.2041

 4.1899, 0.2556,
0.1293


 47.1561, 0.2898,
0.2151


 1.7803, 0.2369,
0.0974

 64.6238, 0.2925,
0.2244

 0.4749, 0.2078,
0.0522

 85.9466, 0.2947,
0.2323

 0.0000, 0.1507,
0.0000

 111.5089, 0.2965,
0.2391

 0.0000, 0.0000,
0.0000

141.6950, 0.2980,

0.2451

176.8894, 0.2992,
0.2503

■ 14.0395, 0.2760,
0.1746

■ 14.0395, 0.2760,
0.1746

■ 11.5080, 0.2675,
0.1524

■ 17.2752, 0.2841,
0.1996

■ 9.6188, 0.2588,
0.1342

■ 21.2665, 0.2915,
0.2264

■ 8.3017, 0.2503,
0.1205

■ 26.0619, 0.2981,
0.2537

■ 7.4242, 0.2421,
0.1111

■ 31.7053, 0.3039,
0.2806

■ 7.3599, 0.2415,
0.1104

■ 38.2374, 0.3089,
0.3065

■ 45.6961, 0.3130,
0.3309

■ 54.1173, 0.3165,
0.3535

■ 63.5347, 0.3193,
0.3742

■ 73.9805, 0.3215,
0.3930

Harmonies

Analogous

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



14.0395, 0.1782, 0.1509



14.0395, 0.2760, 0.1746



14.0395, 0.4137, 0.2256

Triad

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



14.0395, 0.2760, 0.1746



14.0395, 0.5118, 0.4591



14.0395, 0.1289, 0.3083

Complementary

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



14.0395, 0.2760, 0.1746



35.8396, 0.3284, 0.5033

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.



14.0395, 0.1939, 0.4739



14.0395, 0.2760, 0.1746



14.0395, 0.4126, 0.5487

Square

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



14.0395, 0.2760, 0.1746



14.0395, 0.5654, 0.3716



14.0395, 0.2989, 0.5805



14.0395, 0.1100, 0.2022

Rectangle

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



14.0395, 0.2760, 0.1746



14.0395, 0.5009, 0.2706



14.0395, 0.2989, 0.5805



14.0395, 0.1450, 0.3599

Sweetspot

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



14.0401, 0.2760, 0.1746



57.7839, 0.3044, 0.2830



15.4676, 0.2128, 0.2022



12.1110, 0.3028, 0.2753



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



14.0401, 0.2760, 0.1746



19.4861, 0.2649, 0.1465



16.9332, 0.3427, 0.2115



8.5074, 0.3088, 0.3062



5.2383, 0.2424, 0.1109



0.1945, 0.2651, 0.1234

Inverse Universe

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



15.4104, 0.4321, 0.2819



22.5731, 0.4755, 0.2772



34.3990, 0.2941, 0.4879



8.5487, 0.3238, 0.3217



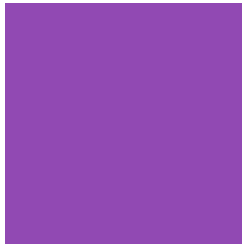
6.9947, 0.5651, 0.2887



0.2310, 0.4851, 0.2446

Previews

White Background



This preview shows how the Yxy color 14.0395, 0.2760, 0.1746 looks on a white background.

Color Contrast Check

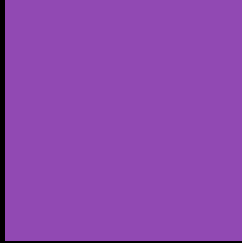
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0395, 0.2760, 0.1746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

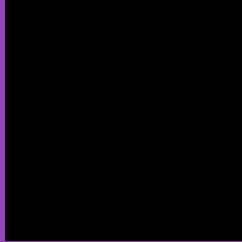
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 14.0395, 0.2760, 0.1746

Background



This preview shows how black text looks on a background with the Yxy color 14.0395, 0.2760, 0.1746.



This preview shows how white text looks on a background with the Yxy color 14.0395, 0.2760, 0.1746.

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

14.0395, 0.2760, 0.1746

Protanopia

14.4689, 0.1821, 0.1556

Deuteranopia

14.3493, 0.2081, 0.2034



Tritanopia

13.9513, 0.3617, 0.3139

Trichromacy



Original Color

14.0395, 0.2760, 0.1746

Protanomaly

13.0912, 0.1999, 0.1551

Deuteranomaly

13.3759, 0.2249, 0.1862

Tritanomaly

13.5856, 0.3269, 0.2513

Monochromacy



Original Color

14.0395, 0.2760, 0.1746

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

13.9428, 0.2992, 0.2573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0395, 0.2760, 0.1746 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(145, 73, 179)` looks like.

```
.text, #text, p{  
    color:rgb(145, 73, 179)  
}
```

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(145, 73, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 73, 179) }
```

Border

The CSS property to change the border of an element to Yxy 14.0395, 0.2760, 0.1746 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(145, 73, 179) }
```

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

```
.border{ border-color:rgb(145, 73, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 73, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 73, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 73, 179); box-shadow:4px 4px 4px 4px rgb(145, 73, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0395, 0.2760, 0.1746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 73, 179) }
```

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

```
.background{ background-color: rgb(145, 73,  
179) }
```

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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