

Converting Colors

$Y_{xy}(14.5660, 0.2731, 0.1752)$

Have a look what the booklet for
Yxy(14.5660, 0.2731, 0.1752)
contains.

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Color

Yxy(14.5660, 0.2731, 0.1752)

Conversions

Conversions Part 1

Format	Color
Hex	914CB6
RGB	145, 76, 182
RGB Percent	57%, 30%, 71%
CMY	0.4313, 0.7020, 0.2863
CMYK	0.20, 0.58, 0.00, 0.29
HSL	279°, 42%, 51%
HSV	279°, 58%, 71%
XYZ	22.7053, 14.5660, 45.8679
YIQ	108.7150, 7.0980, 47.5940

Conversions

Conversions Part 2

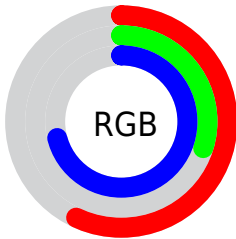
Format	Color
R_{YB}	145, 76, 182
Decimal	9522358
CIE _{Lab}	45.03, 47.16, -44.70
CIE _{LCh}	45, 64.978, 316.539
Yxy	14.5660, 0.2731, 0.1752
Android (android.graphics.Color)	4287712438 (0xFF914CB6)
YUV	108.7150, 36.1295, 31.8219
Hunter-Lab	38.1654, 39.4035, -44.5400

Details

The Yxy color **14.5660, 0.2731, 0.1752** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **37.4856, 0.3308, 0.4992**, and the grayscale version is **15.1030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0878, 0.2834, 0.2039**, and **4.4359, 0.2526, 0.1312** is the 20% darker color. If you saturate the color by 10%, you get **11.8428, 0.2638, 0.1522**, and if you desaturate by 10%, it is **18.0319, 0.2819, 0.2010**.

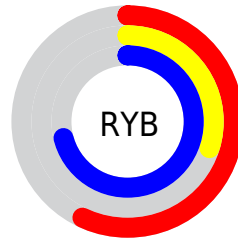
Distribution



Red (57%)

Green (30%)

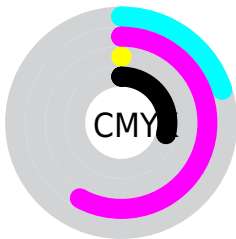
Blue (71%)



Red (57%)

Yellow (30%)

Blue (71%)

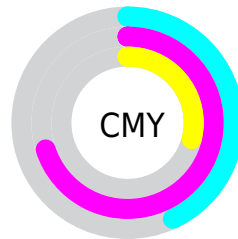


Cyan (20%)

Magenta (58%)

Yellow (0%)

Black (29%)



Cyan (43%)


Magenta (70%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5660, 0.2731, 0.1752 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 14.5660, 0.2731, 0.1752 by changing the saturation by 10% instead.


 14.5660, 0.2731,
0.1752


 14.5660, 0.2731,
0.1752


220.7241, 0.2988,
0.2549


 8.5154, 0.2645,
0.1554


 34.0900, 0.2840,
0.2043

 4.4265, 0.2521,
0.1305


 48.3321, 0.2876,
0.2153

 1.9149, 0.2333,
0.0992

 66.0736, 0.2905,
0.2245

 0.5573, 0.2038,
0.0570

 87.6987, 0.2928,
0.2324

 0.0000, 0.1515,
0.0000

 113.5920, 0.2947,
0.2392

 0.0000, 0.0000,
0.0000

144.1377, 0.2963,

0.2451

179.7202, 0.2976,
0.2503

■ 14.5660, 0.2731,
0.1752

■ 14.5660, 0.2731,
0.1752

■ 11.8428, 0.2638,
0.1522

■ 18.0319, 0.2819,
0.2010

■ 9.7983, 0.2544,
0.1329

■ 22.2935, 0.2900,
0.2282

■ 8.3607, 0.2452,
0.1184

■ 27.4012, 0.2972,
0.2559

■ 7.4116, 0.2363,
0.1083

■ 33.4002, 0.3035,
0.2830

■ 7.2630, 0.2348,
0.1067

■ 40.3330, 0.3089,
0.3089

■ 48.2388, 0.3135,
0.3331

■ 57.1549, 0.3172,
0.3556

■ 67.1164, 0.3203,
0.3760

■ 78.1568, 0.3228,
0.3946

Harmonies

Analogous

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



14.5660, 0.1777, 0.1525



14.5660, 0.2731, 0.1752



14.5660, 0.4082, 0.2251

Triad

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



14.5660, 0.2731, 0.1752



14.5660, 0.5124, 0.4559



14.5660, 0.1324, 0.3132

Complementary

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



14.5660, 0.2731, 0.1752



37.4856, 0.3308, 0.4992

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.



14.5660, 0.1985, 0.4761



14.5660, 0.2731, 0.1752



14.5660, 0.4156, 0.5441

Square

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



14.5660, 0.2731, 0.1752



14.5660, 0.5627, 0.3697



14.5660, 0.3032, 0.5771



14.5660, 0.1121, 0.2062

Rectangle

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



14.5660, 0.2731, 0.1752



14.5660, 0.4947, 0.2695



14.5660, 0.3032, 0.5771



14.5660, 0.1489, 0.3645

Sweetspot

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



14.5666, 0.2731, 0.1752



61.6816, 0.3041, 0.2855



16.7459, 0.2150, 0.2076



13.1074, 0.3029, 0.2802



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



14.5666, 0.2731, 0.1752



20.2583, 0.2611, 0.1461



17.8701, 0.3397, 0.2110



9.0017, 0.3084, 0.3061



5.1674, 0.2358, 0.1073



0.2152, 0.2583, 0.1197

Inverse Universe

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



16.3054, 0.4240, 0.2782



24.1422, 0.4649, 0.2724



35.7614, 0.2953, 0.4881



9.0626, 0.3235, 0.3210



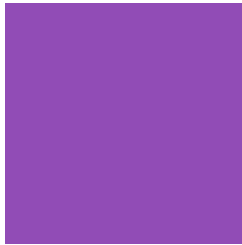
7.2921, 0.5548, 0.2830



0.2690, 0.4819, 0.2429

Previews

White Background



This preview shows how the Yxy color 14.5660, 0.2731, 0.1752 looks on a white background.

Color Contrast Check

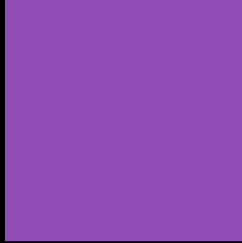
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5660, 0.2731, 0.1752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

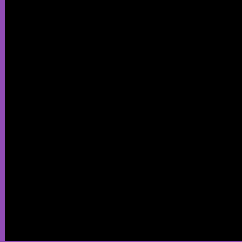
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5660, 0.2731, 0.1752

Background



This preview shows how black text looks on a background with the Yxy color 14.5660, 0.2731, 0.1752.



This preview shows how white text looks on a background with the Yxy color 14.5660, 0.2731, 0.1752.

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

14.5660, 0.2731, 0.1752

Protanopia

14.7962, 0.1835, 0.1568

Deuteranopia

14.7067, 0.2076, 0.2016



Tritanopia

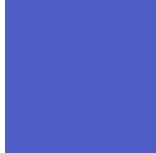
14.5559, 0.3559, 0.3140

Trichromacy



Original Color

14.5660, 0.2731, 0.1752



Protanomaly

13.6145, 0.2010, 0.1568



Deuteranomaly

13.9073, 0.2244, 0.1865



Tritanomaly

14.1566, 0.3222, 0.2517

Monochromacy



Original Color

14.5660, 0.2731, 0.1752



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

14.4645, 0.2968, 0.2564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5660, 0.2731, 0.1752 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, 76, 182)` looks like.

```
.text, #text, p{  
  color:rgb(145, 76, 182)  
}
```

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, 76, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 76, 182) }
```

Border

The CSS property to change the border of an element to Yxy 14.5660, 0.2731, 0.1752 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, 76, 182) }
```

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

```
.border{ border-color:rgb(145, 76, 182) }
```

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

Here you see how a box with a 4 pixel rgb(145, 76, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 76, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 76, 182);  
box-shadow:4px 4px 4px 4px rgb(145, 76,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5660, 0.2731, 0.1752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 76, 182) }
```

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

```
.background{ background-color: rgb(145, 76,  
182) }
```

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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