

Converting Colors

$Y_{xy}(14.9772, 0.2822, 0.1630)$

Have a look what the booklet for
Yxy(14.9772, 0.2822, 0.1630)
contains.

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Color

Yxy(15.0054, 0.2826, 0.1635)

Conversions

Conversions Part 1

Format	Color
Hex	A140BF
RGB	161, 64, 191
RGB Percent	63%, 25%, 75%
CMY	0.3687, 0.7490, 0.2509
CMYK	0.16, 0.66, 0.00, 0.25
HSL	286°, 50%, 50%
HSV	286°, 66%, 75%
XYZ	25.9359, 15.0054, 50.8348
YIQ	107.4810, 17.0450, 60.0610

Conversions

Conversions Part 2

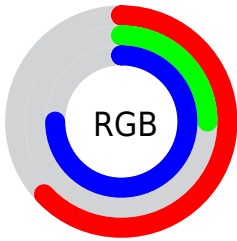
Format	Color
RYB	161, 64, 191
Decimal	10567871
CIELab	45.64, 58.61, -48.88
CIElCh	46, 76.316, 320.176
Yxy	15.0054, 0.2826, 0.1635
Android (android.graphics.Color)	4288757951 (0xFFA140BF)
YUV	107.4810, 41.1749, 46.9362
Hunter-Lab	38.7368, 51.7239, -50.6913

Details

The Yxy color **15.0054, 0.2826, 0.1635** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **40.0253, 0.3203, 0.5301**, and the grayscale version is **14.7237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7942, 0.2921, 0.1931**, and **4.8094, 0.2638, 0.1227** is the 20% darker color. If you saturate the color by 10%, you get **12.7472, 0.2763, 0.1459**, and if you desaturate by 10%, it is **18.0194, 0.2887, 0.1849**.

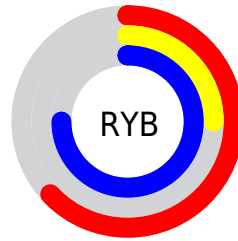
Distribution



Red (63%)

Green (25%)

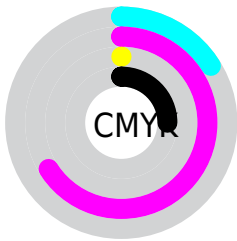
Blue (75%)



Red (63%)

Yellow (25%)

Blue (75%)

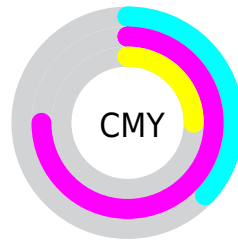


Cyan (16%)

Magenta (66%)

Yellow (0%)

Black (25%)



Cyan (37%)


Magenta (75%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0054, 0.2826, 0.1635 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 15.0054, 0.2826, 0.1635 by changing the saturation by 10% instead.


 15.0054, 0.2826,
0.1635


 15.0054, 0.2826,
0.1635


223.3989, 0.3036,
0.2469


 8.8232, 0.2752,
0.1436


 34.8627, 0.2918,
0.1934


 4.6260, 0.2645,
0.1192


 49.3065, 0.2948,
0.2048


 2.0296, 0.2481,
0.0893

 67.2729, 0.2971,
0.2145

 0.6246, 0.2220,
0.0520

 89.1465, 0.2989,
0.2228

 0.0000, 0.1800,
0.0000

 115.3114, 0.3004,
0.2300

 0.0000, 0.0000,
0.0000

146.1522, 0.3017,

0.2363

182.0532, 0.3027,
0.2419

■ 15.0054, 0.2826,
0.1635

■ 15.0054, 0.2826,
0.1635

■ 12.7472, 0.2763,
0.1459

■ 18.0194, 0.2887,
0.1849

■ 11.1638, 0.2699,
0.1327

■ 21.8554, 0.2943,
0.2091

■ 10.1519, 0.2637,
0.1240

■ 26.5743, 0.2994,
0.2350

■ 9.8606, 0.2616,
0.1215

■ 32.2308, 0.3039,
0.2615

■ 38.8751, 0.3077,
0.2878

■ 46.5537, 0.3109,
0.3132

■ 55.3102, 0.3136,
0.3372

■ 65.1856, 0.3157,
0.3596

■ 76.2188, 0.3174,
0.3801

Harmonies

Analogous

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



15.0054, 0.1712, 0.1357



15.0054, 0.2826, 0.1635



15.0054, 0.4414, 0.2199

Triad

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



15.0054, 0.2826, 0.1635



15.0054, 0.5191, 0.4732



15.0054, 0.1063, 0.2869

Complementary

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



15.0054, 0.2826, 0.1635



40.0253, 0.3203, 0.5301

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.



15.0054, 0.1679, 0.4794



15.0054, 0.2826, 0.1635



15.0054, 0.4022, 0.5787

Square

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



15.0054, 0.2826, 0.1635



15.0054, 0.5895, 0.3737



15.0054, 0.2775, 0.6167



15.0054, 0.0925, 0.1791

Rectangle

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



15.0054, 0.2826, 0.1635



15.0054, 0.5377, 0.2680



15.0054, 0.2775, 0.6167



15.0054, 0.1206, 0.3438

Sweetspot

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



15.0060, 0.2826, 0.1635



64.8438, 0.3063, 0.2779



13.1747, 0.1963, 0.1649



13.4987, 0.3052, 0.2704



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.



15.0060, 0.2826, 0.1635



21.3297, 0.2733, 0.1390



17.2596, 0.3630, 0.2116



9.5795, 0.3101, 0.3061



6.5165, 0.2624, 0.1219



0.2833, 0.2771, 0.1300

Inverse Universe

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



15.5558, 0.4767, 0.2926



22.9233, 0.5349, 0.2939



39.2035, 0.2877, 0.4936



9.5724, 0.3252, 0.3236



7.4152, 0.5944, 0.3048



0.3010, 0.5253, 0.2667

Previews

White Background



This preview shows how the Yxy color 15.0054, 0.2826, 0.1635 looks on a white background.

Color Contrast Check

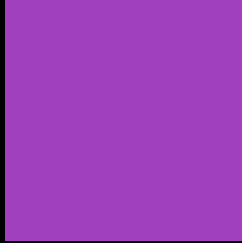
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0054, 0.2826, 0.1635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

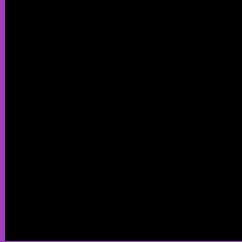
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0054, 0.2826, 0.1635

Background



This preview shows how black text looks on a background with the Yxy color 15.0054, 0.2826, 0.1635.



This preview shows how white text looks on a background with the Yxy color 15.0054, 0.2826, 0.1635.

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

15.0054, 0.2826, 0.1635

Protanopia

15.3771, 0.1741, 0.1468

Deuteranopia

15.1969, 0.2012, 0.1955



Tritanopia

15.0447, 0.3883, 0.3170

Trichromacy



Original Color

15.0054, 0.2826, 0.1635



Protanomaly

12.9453, 0.1844, 0.1386



Deuteranomaly

13.7536, 0.2192, 0.1734



Tritanomaly

14.5003, 0.3467, 0.2466

Monochromacy



Original Color

15.0054, 0.2826, 0.1635



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

13.8292, 0.3011, 0.2438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0054, 0.2826, 0.1635 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(161, 64, 191)` looks like.

```
.text, #text, p{  
    color:rgb(161, 64, 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(161, 64, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 64, 191) }
```

Border

The CSS property to change the border of an element to Yxy 15.0054, 0.2826, 0.1635 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(161, 64, 191) }
```

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

```
.border{ border-color:rgb(161, 64, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 64, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 64, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 64, 191);  
box-shadow:4px 4px 4px 4px rgb(161, 64,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0054, 0.2826, 0.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 64, 191) }
```

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

```
.background{ background-color: rgb(161, 64,  
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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