

Converting Colors

$Y_{xy}(14.0975, 0.3167, 0.2257)$

Have a look what the booklet for
Yxy(14.0975, 0.3167, 0.2257)
contains.

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Color

Yxy(14.0987, 0.3175, 0.2261)

Conversions

Conversions Part 1

Format	Color
Hex	915291
RGB	145, 82, 145
RGB Percent	57%, 32%, 57%
CMY	0.4316, 0.6783, 0.4314
CMYK	0.00, 0.43, 0.00, 0.43
HSL	300°, 28%, 45%
HSV	300°, 43%, 57%
XYZ	19.7980, 14.0987, 28.4593
YIQ	108.0190, 17.3250, 32.9490

Conversions

Conversions Part 2

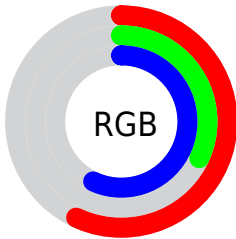
Format	Color
R _Y B	145, 82, 145
Decimal	9523857
CIE Lab	44.37, 36.16, -23.78
CIE LCh	44, 43.277, 326.666
Yxy	14.0987, 0.3175, 0.2261
Android (android.graphics.Color)	4287713937 (0xFF915291)
YUV	108.0190, 18.2316, 32.4323
Hunter-Lab	37.5482, 28.4082, -18.6545

Details

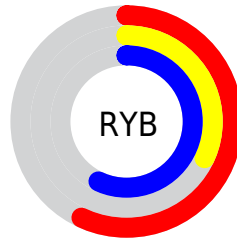
The Yxy color **14.0987, 0.3175, 0.2261** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.6525, 0.3066, 0.4590**, and the grayscale version is **14.9474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1779, 0.3175, 0.2478**, and **4.2230, 0.3169, 0.1891** is the 20% darker color. If you saturate the color by 10%, you get **12.1372, 0.3185, 0.2054**, and if you desaturate by 10%, it is **16.5235, 0.3164, 0.2489**.

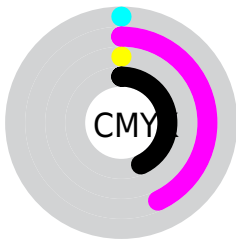
Distribution



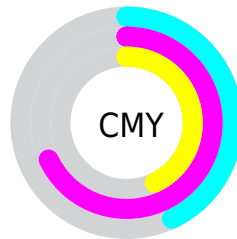
- Red (57%)
- Green (32%)
- Blue (57%)



- Red (57%)
- Yellow (32%)
- Blue (57%)



- Cyan (0%)
- Magenta (43%)
- Yellow (0%)
- Black (43%)




- Cyan (43%)
- Magenta (68%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0987, 0.3175, 0.2261 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 14.0987, 0.3175, 0.2261 by changing the saturation by 10% instead.


 14.0987, 0.3175,
0.2261


 14.0987, 0.3175,
0.2261


217.8440, 0.3164,
0.2829


 8.1893, 0.3170,
0.2101


 33.2641, 0.3176,
0.2481


 4.2163, 0.3157,
0.1885


 47.2888, 0.3174,
0.2559

 1.7953, 0.3124,
0.1581

 64.7876, 0.3173,
0.2624

 0.4842, 0.3073,
0.1027

 86.1446, 0.3171,
0.2678

 0.0000, 0.2279,
0.0000

 111.7444, 0.3169,
0.2724

 0.0000, 0.0000,
0.0000

141.9713, 0.3167,

0.2764

177.2097, 0.3166,
0.2798

■ 14.0987, 0.3175,
0.2261

■ 14.0987, 0.3175,
0.2261

■ 12.1372, 0.3185,
0.2054

■ 16.5235, 0.3164,
0.2489

■ 10.6079, 0.3193,
0.1876

■ 19.4366, 0.3153,
0.2728

■ 9.4785, 0.3199,
0.1734

■ 22.8632, 0.3142,
0.2971

■ 8.7119, 0.3204,
0.1632

■ 26.8266, 0.3131,
0.3210

■ 8.2634, 0.3207,
0.1570

■ 31.3483, 0.3120,
0.3441

■ 8.0558, 0.3208,
0.1541

■ 36.4487, 0.3110,
0.3659

■ 42.1475, 0.3100,
0.3863

■ 48.4630, 0.3092,
0.4051

■ 55.4130, 0.3084,
0.4223

Harmonies

Analogous

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



14.0987, 0.2364, 0.2005



14.0987, 0.3175, 0.2261



14.0987, 0.4098, 0.2720

Triad

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



14.0987, 0.3175, 0.2261



14.0987, 0.4454, 0.4553



14.0987, 0.1722, 0.2936

Complementary

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



14.0987, 0.3175, 0.2261



22.6525, 0.3066, 0.4590

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.



14.0987, 0.2151, 0.3902



14.0987, 0.3175, 0.2261



14.0987, 0.3722, 0.4942

Square

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



14.0987, 0.3175, 0.2261



14.0987, 0.4868, 0.3940



14.0987, 0.2880, 0.4746



14.0987, 0.1629, 0.2285

Rectangle

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



14.0987, 0.3175, 0.2261



14.0987, 0.4592, 0.3101



14.0987, 0.2880, 0.4746



14.0987, 0.1827, 0.3235

Sweetspot

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



14.0993, 0.3175, 0.2261



41.0515, 0.3142, 0.2974



10.0387, 0.2346, 0.2014



8.8410, 0.3144, 0.2925



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



14.0993, 0.3175, 0.2261



21.8455, 0.3184, 0.2061



13.2859, 0.3643, 0.2725



5.5109, 0.3137, 0.3073



6.9115, 0.3208, 0.1541



0.0661, 0.3209, 0.1541

Inverse Universe

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



12.6684, 0.4216, 0.3293



18.9392, 0.4607, 0.3294



23.2215, 0.2813, 0.3946



5.4241, 0.3281, 0.3290



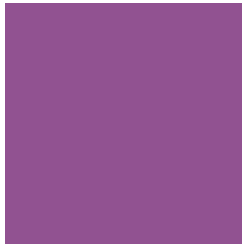
5.1635, 0.6400, 0.3299



0.0494, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 14.0987, 0.3175, 0.2261 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 14.0987, 0.3175, 0.2261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

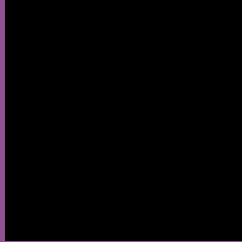
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0987, 0.3175, 0.2261

Background



This preview shows how black text looks on a background with the Yxy color 14.0987, 0.3175, 0.2261.



This preview shows how white text looks on a background with the Yxy color 14.0987, 0.3175, 0.2261.

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

14.0987, 0.3175, 0.2261

Protanopia

14.1939, 0.2300, 0.2172

Deuteranopia

14.3105, 0.2600, 0.2552



Tritanopia

14.0441, 0.3767, 0.3163

Trichromacy



Original Color

14.0987, 0.3175, 0.2261

Protanomaly

13.6489, 0.2548, 0.2169

Deuteranomaly

13.8961, 0.2792, 0.2424

Tritanomaly

13.9031, 0.3539, 0.2791

Monochromacy



Original Color

14.0987, 0.3175, 0.2261

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.3691, 0.3147, 0.2863

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0987, 0.3175, 0.2261 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, 82, 145)` looks like.

```
.text, #text, p{  
  color:rgb(145, 82, 145)  
}
```

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, 82, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 82, 145) }
```

Border

The CSS property to change the border of an element to Yxy 14.0987, 0.3175, 0.2261 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, 82, 145) }
```

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

```
.border{ border-color:rgb(145, 82, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 82, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 82, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 82, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 82,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0987, 0.3175, 0.2261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 82, 145) }
```

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

```
.background{ background-color: rgb(145, 82,  
145) }
```

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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