

Converting Colors

$Y_{xy}(14.1822, 0.2860, 0.2286)$

Have a look what the booklet for
Yxy(14.1822, 0.2860, 0.2286)
contains.

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Color

Yxy(14.1842, 0.2850, 0.2283)

Conversions

Conversions Part 1

Format	Color
Hex	7D5C95
RGB	125, 92, 149
RGB Percent	49%, 36%, 58%
CMY	0.5099, 0.6392, 0.4157
CMYK	0.16, 0.38, 0.00, 0.42
HSL	275°, 24%, 47%
HSV	275°, 38%, 58%
XYZ	17.7070, 14.1842, 30.2385
YIQ	108.3650, 1.3710, 24.7230

Conversions

Conversions Part 2

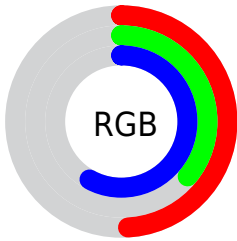
Format	Color
R_{YB}	125, 92, 149
Decimal	8215701
CIE _{Lab}	44.50, 24.81, -26.18
CIE _{LCh}	44, 36.068, 313.454
Yxy	14.1842, 0.2850, 0.2283
Android (android.graphics.Color)	4286405781 (0xFF7D5C95)
YUV	108.3650, 20.0331, 14.5889
Hunter-Lab	37.6619, 18.0144, -21.2402

Details

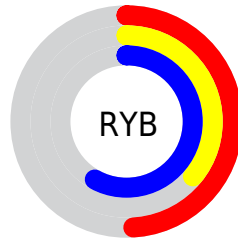
The Yxy color **14.1842, 0.2850, 0.2283** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.9835, 0.3316, 0.4333**, and the grayscale version is **15.0465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4217, 0.2923, 0.2508**, and **4.2545, 0.2704, 0.1903** is the 20% darker color. If you saturate the color by 10%, you get **11.3940, 0.2753, 0.2004**, and if you desaturate by 10%, it is **17.5132, 0.2937, 0.2563**.

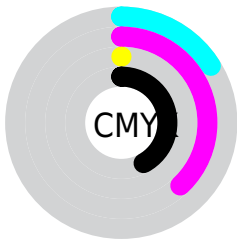
Distribution



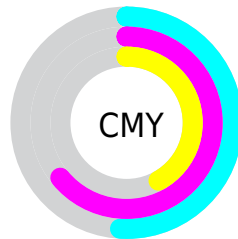
- Red (49%)
- Green (36%)
- Blue (58%)



- Red (49%)
- Yellow (36%)
- Blue (58%)



- Cyan (16%)
- Magenta (38%)
- Yellow (0%)
- Black (42%)




- Cyan (51%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1842, 0.2850, 0.2283 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 14.1842, 0.2850, 0.2283 by changing the saturation by 10% instead.


 14.1842, 0.2850,
0.2283


 14.1842, 0.2850,
0.2283


218.3738, 0.3025,
0.2844


 8.2489, 0.2790,
0.2123


 33.4155, 0.2925,
0.2501


 4.2546, 0.2699,
0.1906


 47.4803, 0.2949,
0.2579

 1.8170, 0.2552,
0.1598

 65.0237, 0.2968,
0.2643

 0.4977, 0.2310,
0.1044

 86.4301, 0.2984,
0.2696

 0.0000, 0.0219,
0.0000

112.0839, 0.2997,
0.2741

 0.0000, 0.0000,
0.0000

142.3695, 0.3008,

0.2780

177.6714, 0.3017,
0.2814

■ 14.1842, 0.2850,
0.2283

■ 14.1842, 0.2850,
0.2283

■ 11.3940, 0.2753,
0.2004

■ 17.5132, 0.2937,
0.2563

■ 9.1105, 0.2648,
0.1736

■ 21.4072, 0.3014,
0.2834

■ 7.3006, 0.2538,
0.1493


■ 25.8929, 0.3080,
0.3091


■ 5.9264, 0.2427,
0.1285


■ 30.9947, 0.3136,
0.3331

■ 4.9442, 0.2319,
0.1124


■ 36.7355, 0.3184,
0.3551

 4.2670, 0.2218,
0.1005

 43.1370, 0.3223,
0.3751

 4.1575, 0.2200,
0.0986

 50.2202, 0.3255,
0.3931

 58.0046, 0.3282,
0.4094

 66.5094, 0.3304,
0.4240

Harmonies

Analogous

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



14.1842, 0.2251, 0.2154



14.1842, 0.2850, 0.2283



14.1842, 0.3611, 0.2615

Triad

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



14.1842, 0.2850, 0.2283



14.1842, 0.4461, 0.4180



14.1842, 0.2061, 0.3345

Complementary

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



14.1842, 0.2850, 0.2283



25.9835, 0.3316, 0.4333

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.



14.1842, 0.2565, 0.4135



14.1842, 0.2850, 0.2283



14.1842, 0.3953, 0.4587

Square

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



14.1842, 0.2850, 0.2283



14.1842, 0.4608, 0.3638



14.1842, 0.3258, 0.4626



14.1842, 0.1842, 0.2662

Rectangle

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



14.1842, 0.2850, 0.2283



14.1842, 0.4093, 0.2921



14.1842, 0.3258, 0.4626



14.1842, 0.2200, 0.3614

Sweetspot

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



14.1848, 0.2850, 0.2283



43.8661, 0.3061, 0.3016



17.1004, 0.2520, 0.2666



9.5032, 0.3054, 0.2986



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



14.1848, 0.2850, 0.2283



21.0085, 0.2766, 0.2040



16.0967, 0.3220, 0.2428



5.7886, 0.3074, 0.3067



3.5168, 0.2206, 0.0989



0.0604, 0.2659, 0.1239

Inverse Universe

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



15.3079, 0.3646, 0.2880



23.4352, 0.3820, 0.2788



24.6122, 0.3043, 0.4338



5.8535, 0.3220, 0.3197



5.6837, 0.5233, 0.2656



0.0752, 0.4242, 0.2111

Previews

White Background



This preview shows how the Yxy color 14.1842, 0.2850, 0.2283 looks on a white background.

Color Contrast Check

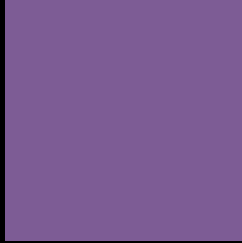
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1842, 0.2850, 0.2283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

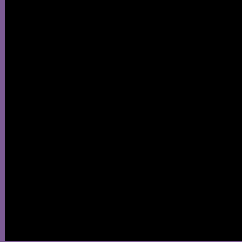
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1842, 0.2850, 0.2283

Background



This preview shows how black text looks on a background with the Yxy color 14.1842, 0.2850, 0.2283.



This preview shows how white text looks on a background with the Yxy color 14.1842, 0.2850, 0.2283.

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

14.1842, 0.2850, 0.2283

Protanopia

14.4301, 0.2352, 0.2242

Deuteranopia

14.2825, 0.2501, 0.2441



Tritanopia

14.2416, 0.3279, 0.3149

Trichromacy



Original Color

14.1842, 0.2850, 0.2283

Protanomaly

14.2476, 0.2514, 0.2261

Deuteranomaly

14.1955, 0.2613, 0.2376

Tritanomaly

14.2304, 0.3121, 0.2806

Monochromacy



Original Color

14.1842, 0.2850, 0.2283

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.5102, 0.3022, 0.2873

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1842, 0.2850, 0.2283 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(125, 92, 149)` looks like.

```
.text, #text, p{  
    color:rgb(125, 92, 149)  
}
```

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(125, 92, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 92, 149) }
```

Border

The CSS property to change the border of an element to Yxy 14.1842, 0.2850, 0.2283 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(125, 92, 149) }
```

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

```
.border{ border-color:rgb(125, 92, 149) }
```

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

Here you see how a box with a 4 pixel rgb(125, 92, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 92, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 92, 149);  
box-shadow:4px 4px 4px 4px rgb(125, 92,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1842, 0.2850, 0.2283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 92, 149) }
```

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

```
.background{ background-color: rgb(125, 92,  
149) }
```

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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