

Converting Colors

$Y_{xy}(14.2649, 0.2587, 0.1932)$

Have a look what the booklet for
Yxy(14.2649, 0.2587, 0.1932)
contains.

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Color

Yxy(14.2960, 0.2592, 0.1941)

Conversions

Conversions Part 1

Format	Color
Hex	7B59AB
RGB	123, 89, 171
RGB Percent	48%, 35%, 67%
CMY	0.5176, 0.6510, 0.3295
CMYK	0.28, 0.48, 0.00, 0.33
HSL	265°, 33%, 51%
HSV	265°, 48%, 67%
XYZ	19.0908, 14.2960, 40.2660
YIQ	108.5140, -6.0580, 32.7100

Conversions

Conversions Part 2

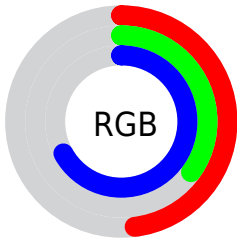
Format	Color
R_{YB}	123, 89, 171
Decimal	8083883
CIE _{Lab}	44.65, 31.38, -38.98
CIE _{LCh}	45, 50.039, 308.832
Yxy	14.2960, 0.2592, 0.1941
Android (android.graphics.Color)	4286273963 (0xFF7B59AB)
YUV	108.5140, 30.8056, 12.7042
Hunter-Lab	37.8101, 23.9594, -36.6741

Details

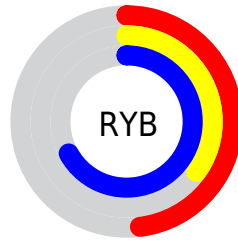
The Yxy color **14.2960, 0.2592, 0.1941** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **35.1502, 0.3479, 0.4586**, and the grayscale version is **15.0620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6493, 0.2722, 0.2214**, and **4.3035, 0.2340, 0.1504** is the 20% darker color. If you saturate the color by 10%, you get **11.0734, 0.2446, 0.1645**, and if you desaturate by 10%, it is **18.2558, 0.2729, 0.2245**.

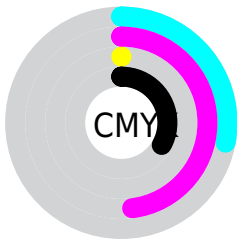
Distribution



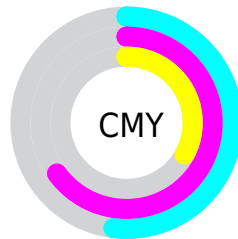
- Red (48%)
- Green (35%)
- Blue (67%)



- Red (48%)
- Yellow (35%)
- Blue (67%)



- Cyan (28%)
- Magenta (48%)
- Yellow (0%)
- Black (33%)




- Cyan (52%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2960, 0.2592, 0.1941 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 14.2960, 0.2592, 0.1941 by changing the saturation by 10% instead.


 14.2960, 0.2592,
0.1941


 14.2960, 0.2592,
0.1941


219.0646, 0.2919,
0.2666


 8.3268, 0.2488,
0.1749


 33.6133, 0.2727,
0.2214


 4.3048, 0.2339,
0.1501


 47.7303, 0.2773,
0.2314


 1.8455, 0.2116,
0.1175

 65.3319, 0.2809,
0.2397

 0.5153, 0.1772,
0.0688

 86.8026, 0.2839,
0.2468

 0.0000, 0.0734,
0.0000

 112.5269, 0.2864,
0.2528

 0.0000, 0.0000,
0.0000

142.8890, 0.2885,

0.2580

178.2735, 0.2903,
0.2626

■ 14.2960, 0.2592,
0.1941

■ 14.2960, 0.2592,
0.1941

■ 11.0734, 0.2446,
0.1645

■ 18.2558, 0.2729,
0.2245

■ 8.5377, 0.2297,
0.1372

■ 22.9954, 0.2853,
0.2544

■ 6.6348, 0.2152,
0.1138


■ 28.5557, 0.2964,
0.2830


■ 5.3009, 0.2017,
0.0956

■ 34.9746, 0.3060,
0.3095

■ 4.4323, 0.1898,
0.0830


■ 42.2872, 0.3143,
0.3338

 4.2769, 0.1875,
0.0806

 50.5269, 0.3214,
0.3558

 59.7253, 0.3273,
0.3754

 69.9124, 0.3323,
0.3929

 81.1170, 0.3365,
0.4085

Harmonies

Analogous

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



14.2960, 0.1880, 0.1813



14.2960, 0.2592, 0.1941



14.2960, 0.3608, 0.2319

Triad

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



14.2960, 0.2592, 0.1941



14.2960, 0.4950, 0.4262



14.2960, 0.1776, 0.3504

Complementary

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



14.2960, 0.2592, 0.1941



35.1502, 0.3479, 0.4586

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.



14.2960, 0.2459, 0.4666



14.2960, 0.2592, 0.1941



14.2960, 0.4284, 0.4929

Square

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



14.2960, 0.2592, 0.1941



14.2960, 0.5122, 0.3552



14.2960, 0.3380, 0.5218



14.2960, 0.1472, 0.2514

Rectangle

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



14.2960, 0.2592, 0.1941



14.2960, 0.4311, 0.2682



14.2960, 0.3380, 0.5218



14.2960, 0.1963, 0.3906

Sweetspot

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



14.2965, 0.2592, 0.1941



55.2286, 0.3001, 0.2930



23.2925, 0.2399, 0.2715



11.7943, 0.2980, 0.2873



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



14.2965, 0.2592, 0.1941



19.2895, 0.2430, 0.1614



17.8469, 0.3077, 0.2114



7.9135, 0.3048, 0.3060



3.2548, 0.1885, 0.0812



0.1231, 0.2252, 0.1014

Inverse Universe

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



17.6045, 0.3646, 0.2581



26.2098, 0.3825, 0.2438



32.3881, 0.3121, 0.4743



8.0910, 0.3198, 0.3158



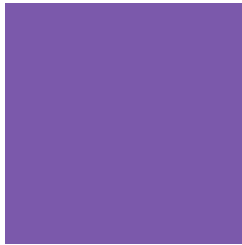
7.2316, 0.4575, 0.2294



0.2117, 0.4061, 0.2011

Previews

White Background



This preview shows how the Yxy color 14.2960, 0.2592, 0.1941 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 14.2960, 0.2592, 0.1941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

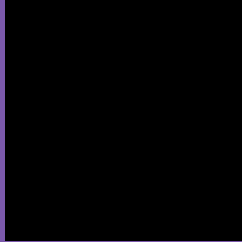
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2960, 0.2592, 0.1941

Background



This preview shows how black text looks on a background with the Yxy color 14.2960, 0.2592, 0.1941.



This preview shows how white text looks on a background with the Yxy color 14.2960, 0.2592, 0.1941.

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

14.2960, 0.2592, 0.1941

Protanopia

14.4264, 0.2054, 0.1857

Deuteranopia

14.4758, 0.2181, 0.2133



Tritanopia

14.2929, 0.3149, 0.3125

Trichromacy



Original Color

14.2960, 0.2592, 0.1941

Protanomaly

14.1139, 0.2210, 0.1876

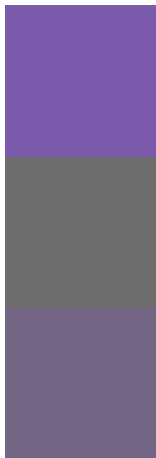
Deuteranomaly

14.1656, 0.2309, 0.2052

Tritanomaly

14.1418, 0.2925, 0.2617

Monochromacy



Original Color

14.2960, 0.2592, 0.1941

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.7461, 0.2912, 0.2709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2960, 0.2592, 0.1941 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(123, 89, 171)` looks like.

```
.text, #text, p{  
    color:rgb(123, 89, 171)  
}
```

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(123, 89, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 89, 171) }
```

Border

The CSS property to change the border of an element to Yxy 14.2960, 0.2592, 0.1941 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(123, 89, 171) }
```

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

```
.border{ border-color:rgb(123, 89, 171) }
```

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

Here you see how a box with a 4 pixel rgb(123, 89, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 89, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 89, 171);  
box-shadow:4px 4px 4px 4px rgb(123, 89,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2960, 0.2592, 0.1941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 89, 171) }
```

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

```
.background{ background-color: rgb(123, 89,  
171) }
```

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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