

Converting Colors

$Y_{xy}(14.1029, 0.2635, 0.2007)$

Have a look what the booklet for
Yxy(14.1029, 0.2635, 0.2007)
contains.

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Color

Yxy(14.0355, 0.2628, 0.1996)

Conversions

Conversions Part 1

Format	Color
Hex	7A59A6
RGB	122, 89, 166
RGB Percent	48%, 35%, 65%
CMY	0.5216, 0.6509, 0.3491
CMYK	0.26, 0.46, 0.00, 0.35
HSL	266°, 30%, 50%
HSV	266°, 46%, 65%
XYZ	18.4796, 14.0355, 37.8030
YIQ	107.6450, -5.0490, 30.9430

Conversions

Conversions Part 2

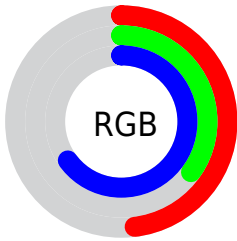
Format	Color
R _{YB}	122, 89, 166
Decimal	8018342
CIE Lab	44.28, 29.82, -36.63
CIE LCh	44, 47.231, 309.145
Yxy	14.0355, 0.2628, 0.1996
Android (android.graphics.Color)	4286208422 (0xFF7A59A6)
YUV	107.6450, 28.7690, 12.5893
Hunter-Lab	37.4640, 22.4855, -33.6018

Details

The Yxy color **14.0355, 0.2628, 0.1996** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **32.9736, 0.3460, 0.4543**, and the grayscale version is **14.8115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2067, 0.2758, 0.2271**, and **4.1729, 0.2371, 0.1548** is the 20% darker color. If you saturate the color by 10%, you get **10.9189, 0.2487, 0.1700**, and if you desaturate by 10%, it is **17.8435, 0.2760, 0.2298**.

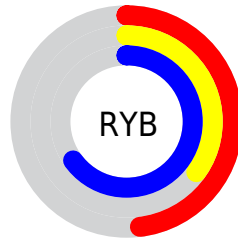
Distribution



Red (48%)

Green (35%)

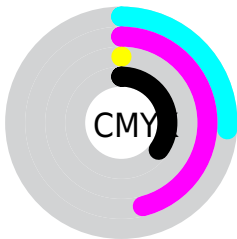
Blue (65%)



Red (48%)

Yellow (35%)

Blue (65%)

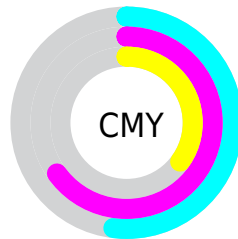


Cyan (26%)

Magenta (46%)

Yellow (0%)

Black (35%)



Cyan (52%)


Magenta (65%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0355, 0.2628, 0.1996 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 14.0355, 0.2628, 0.1996 by changing the saturation by 10% instead.


 14.0355, 0.2628,
0.1996


 14.0355, 0.2628,
0.1996


217.4516, 0.2935,
0.2698


 8.1454, 0.2529,
0.1807


 33.1520, 0.2755,
0.2262


 4.1881, 0.2386,
0.1560


 47.1472, 0.2798,
0.2359

 1.7793, 0.2168,
0.1231

 64.6128, 0.2833,
0.2440

 0.4742, 0.1830,
0.0708

 85.9332, 0.2861,
0.2508

 0.0000, 0.0546,
0.0000

 111.4930, 0.2884,
0.2566

 0.0000, 0.0000,
0.0000

141.6763, 0.2903,

0.2616

176.8677, 0.2920,
0.2659

■ 14.0355, 0.2628,
0.1996

■ 14.0355, 0.2628,
0.1996

■ 10.9189, 0.2487,
0.1700

■ 17.8435, 0.2760,
0.2298

■ 8.4479, 0.2341,
0.1425

■ 22.3817, 0.2879,
0.2593

■ 6.5733, 0.2197,
0.1185


■ 27.6877, 0.2984,
0.2874

■ 5.2377, 0.2062,
0.0996

■ 33.7960, 0.3076,
0.3135

■ 4.3619, 0.1941,
0.0863

■ 40.7390, 0.3154,
0.3374

 4.0973, 0.1900,
0.0820

 48.5473, 0.3221,
0.3589

 57.2500, 0.3277,
0.3783

 66.8746, 0.3324,
0.3955

 77.4476, 0.3363,
0.4108

Harmonies

Analogous

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



14.0355, 0.1937, 0.1871



14.0355, 0.2628, 0.1996



14.0355, 0.3598, 0.2365

Triad

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



14.0355, 0.2628, 0.1996



14.0355, 0.4872, 0.4247



14.0355, 0.1831, 0.3488

Complementary

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



14.0355, 0.2628, 0.1996



32.9736, 0.3460, 0.4543

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.



14.0355, 0.2489, 0.4577



14.0355, 0.2628, 0.1996



14.0355, 0.4240, 0.4871

Square

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



14.0355, 0.2628, 0.1996



14.0355, 0.5030, 0.3563



14.0355, 0.3373, 0.5115



14.0355, 0.1536, 0.2549

Rectangle

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



14.0355, 0.2628, 0.1996



14.0355, 0.4263, 0.2718



14.0355, 0.3373, 0.5115



14.0355, 0.2012, 0.3865

Sweetspot

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



14.0360, 0.2628, 0.1996



52.4838, 0.3005, 0.2931



21.9021, 0.2419, 0.2715



11.2545, 0.2984, 0.2875



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



14.0360, 0.2628, 0.1996



19.4873, 0.2477, 0.1681



17.3278, 0.3097, 0.2158



7.4518, 0.3050, 0.3061



3.2045, 0.1909, 0.0825



0.1084, 0.2308, 0.1045

Inverse Universe

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



16.9445, 0.3637, 0.2619



25.6714, 0.3812, 0.2482



30.4432, 0.3112, 0.4690



7.6114, 0.3200, 0.3162



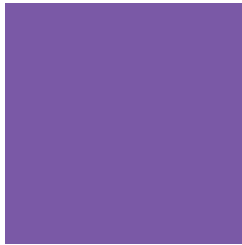
6.9347, 0.4628, 0.2323



0.1787, 0.4047, 0.2003

Previews

White Background



This preview shows how the Yxy color 14.0355, 0.2628, 0.1996 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 14.0355, 0.2628, 0.1996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

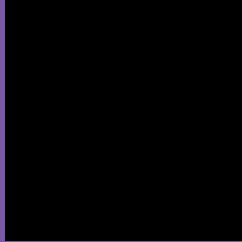
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0355, 0.2628, 0.1996

Background



This preview shows how black text looks on a background with the Yxy color 14.0355, 0.2628, 0.1996.



This preview shows how white text looks on a background with the Yxy color 14.0355, 0.2628, 0.1996.

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

14.0355, 0.2628, 0.1996

Protanopia

14.0948, 0.2101, 0.1916

Deuteranopia

14.2433, 0.2226, 0.2177



Tritanopia

14.0733, 0.3163, 0.3125

Trichromacy



Original Color

14.0355, 0.2628, 0.1996

Protanomaly

13.7790, 0.2248, 0.1920

Deuteranomaly

13.8793, 0.2345, 0.2089

Tritanomaly

13.8741, 0.2961, 0.2650

Monochromacy



Original Color

14.0355, 0.2628, 0.1996

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.4031, 0.2935, 0.2740

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0355, 0.2628, 0.1996 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(122, 89, 166)` looks like.

```
.text, #text, p{  
    color:rgb(122, 89, 166)  
}
```

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(122, 89, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 89, 166) }
```

Border

The CSS property to change the border of an element to Yxy 14.0355, 0.2628, 0.1996 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(122, 89, 166) }
```

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

```
.border{ border-color:rgb(122, 89, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 89, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 89, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 89, 166);  
box-shadow:4px 4px 4px 4px rgb(122, 89,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0355, 0.2628, 0.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 89, 166) }
```

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

```
.background{ background-color: rgb(122, 89,  
166) }
```

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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