

Converting Colors

$Yxy(16.3775, 0.2971, 0.2278)$

Have a look what the booklet for
Yxy(16.3775, 0.2971, 0.2278)
contains.

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Color

Yxy(16.3695, 0.2978, 0.2285)

Conversions

Conversions Part 1

Format	Color
Hex	8E5F9D
RGB	142, 95, 157
RGB Percent	56%, 37%, 62%
CMY	0.4431, 0.6274, 0.3843
CMYK	0.10, 0.39, 0.00, 0.38
HSL	285°, 25%, 49%
HSV	285°, 39%, 62%
XYZ	21.3341, 16.3695, 33.9354
YIQ	116.1210, 8.1100, 29.2460

Conversions

Conversions Part 2

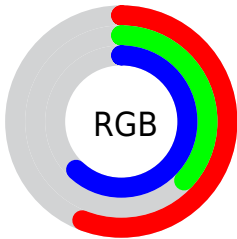
Format	Color
R _Y B	142, 95, 157
Decimal	9330589
CIE Lab	47.46, 30.35, -26.19
CIE LCh	47, 40.091, 319.204
Yxy	16.3695, 0.2978, 0.2285
Android (android.graphics.Color)	4287520669 (0xFF8E5F9D)
YUV	116.1210, 20.1533, 22.6959
Hunter-Lab	40.4592, 23.3190, -21.4083

Details

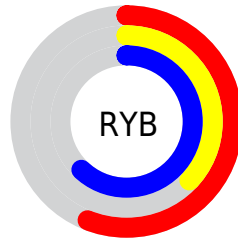
The Yxy color **16.3695, 0.2978, 0.2285** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.2568, 0.3211, 0.4415**, and the grayscale version is **17.4397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1816, 0.3024, 0.2488**, and **5.2266, 0.2885, 0.1938** is the 20% darker color. If you saturate the color by 10%, you get **13.4907, 0.2925, 0.2032**, and if you desaturate by 10%, it is **19.8312, 0.3025, 0.2547**.

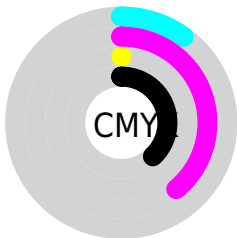
Distribution



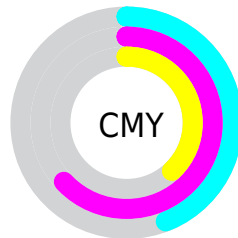
- Red (56%)
- Green (37%)
- Blue (62%)



- Red (56%)
- Yellow (37%)
- Blue (62%)



- Cyan (10%)
- Magenta (39%)
- Yellow (0%)
- Black (38%)





- Cyan (44%)
- Magenta (63%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.3695, 0.2978, 0.2285 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 16.3695, 0.2978, 0.2285 by changing the saturation by 10% instead.


 16.3695, 0.2978,
0.2285


 16.3695, 0.2978,
0.2285


231.5123, 0.3078,
0.2831

 9.7860, 0.2941,
0.2135


 37.2385, 0.3022,
0.2494


 5.2573, 0.2886,
0.1935


 52.2928, 0.3036,
0.2569

 2.3990, 0.2794,
0.1657

 70.9394, 0.3047,
0.2631

 0.8254, 0.2625,
0.1254

 93.5629, 0.3056,
0.2684

 0.0000, 0.2239,
0.0000

120.5475, 0.3063,
0.2729

 0.0000, 0.0000,
0.0000

152.2777, 0.3069,

0.2767

189.1378, 0.3074,
0.2801

■ 16.3695, 0.2978,
0.2285

■ 16.3695, 0.2978,
0.2285

■ 13.4907, 0.2925,
0.2032

■ 19.8312, 0.3025,
0.2547

■ 11.1582, 0.2867,
0.1798

■ 23.9053, 0.3066,
0.2808

■ 9.3344, 0.2805,
0.1593


■ 28.6220, 0.3100,
0.3061

■ 7.9759, 0.2741,
0.1426


■ 34.0088, 0.3128,
0.3302

■ 7.0320, 0.2677,
0.1303


■ 40.0915, 0.3152,
0.3527


 6.3890, 0.2614,
0.1216

 46.8945, 0.3170,
0.3735

 6.3580, 0.2611,
0.1212

 54.4411, 0.3185,
0.3925

 62.7535, 0.3196,
0.4098

 71.8531, 0.3204,
0.4255

Harmonies

Analogous

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



16.3695, 0.2305, 0.2105



16.3695, 0.2978, 0.2285



16.3695, 0.3793, 0.2665

Triad

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



16.3695, 0.2978, 0.2285



16.3695, 0.4451, 0.4317



16.3695, 0.1936, 0.3185

Complementary

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



16.3695, 0.2978, 0.2285



28.2568, 0.3211, 0.4415

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.



16.3695, 0.2408, 0.4039



16.3695, 0.2978, 0.2285



16.3695, 0.3858, 0.4708

Square

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



16.3695, 0.2978, 0.2285



16.3695, 0.4699, 0.3758



16.3695, 0.3111, 0.4658



16.3695, 0.1769, 0.2517

Rectangle

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



16.3695, 0.2978, 0.2285



16.3695, 0.4276, 0.2999



16.3695, 0.3111, 0.4658



16.3695, 0.2060, 0.3464

Sweetspot

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



16.3702, 0.2978, 0.2285



48.8250, 0.3091, 0.2993



16.1278, 0.2464, 0.2418



10.5200, 0.3087, 0.2963



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



16.3702, 0.2978, 0.2285



24.9103, 0.2934, 0.2071



17.2912, 0.3376, 0.2555



6.6737, 0.3101, 0.3067



5.1812, 0.2616, 0.1215



0.1107, 0.2868, 0.1354

Inverse Universe

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



16.4789, 0.3845, 0.3044



25.2351, 0.4081, 0.2994



27.6852, 0.2950, 0.4163



6.6712, 0.3248, 0.3236



5.9405, 0.5907, 0.3028



0.1122, 0.4931, 0.2490

Previews

White Background



This preview shows how the Yxy color 16.3695, 0.2978, 0.2285 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 16.3695, 0.2978, 0.2285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

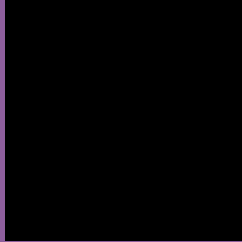
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.3695, 0.2978, 0.2285

Background



This preview shows how black text looks on a background with the Yxy color 16.3695, 0.2978, 0.2285.



This preview shows how white text looks on a background with the Yxy color 16.3695, 0.2978, 0.2285.

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

16.3695, 0.2978, 0.2285

Protanopia

16.5465, 0.2338, 0.2230

Deuteranopia

16.4687, 0.2550, 0.2487



Tritanopia

16.3271, 0.3462, 0.3126

Trichromacy



Original Color

16.3695, 0.2978, 0.2285

Protanomaly

16.1348, 0.2532, 0.2236

Deuteranomaly

16.1827, 0.2691, 0.2396

Tritanomaly

16.2956, 0.3276, 0.2795

Monochromacy



Original Color

16.3695, 0.2978, 0.2285

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.7238, 0.3068, 0.2864

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3695, 0.2978, 0.2285 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(142, 95, 157)` looks like.

```
.text, #text, p{  
    color:rgb(142, 95, 157)  
}
```

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(142, 95, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 95, 157) }
```

Border

The CSS property to change the border of an element to Yxy 16.3695, 0.2978, 0.2285 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(142, 95, 157) }
```

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

```
.border{ border-color:rgb(142, 95, 157) }
```

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

Here you see how a box with a 4 pixel rgb(142, 95, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 95, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 95, 157);  
box-shadow:4px 4px 4px 4px rgb(142, 95,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3695, 0.2978, 0.2285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 95, 157) }
```

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

```
.background{ background-color: rgb(142, 95,  
157) }
```

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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