

Converting Colors

$Y_{xy}(26.1469, 0.2953, 0.2226)$

Have a look what the booklet for
Yxy(26.1469, 0.2953, 0.2226)
contains.

Yxy(26.1469, 0.2953, 0.2226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.1469, 0.2953, 0.2226)

Conversions

Conversions Part 1

Format	Color
Hex	B175C6
RGB	177, 117, 198
RGB Percent	69%, 46%, 78%
CMY	0.3058, 0.5412, 0.2236
CMYK	0.11, 0.41, 0.00, 0.22
HSL	284°, 42%, 62%
HSV	284°, 41%, 78%
XYZ	34.6863, 26.1469, 56.6281
YIQ	144.1740, 9.7590, 37.9110

Conversions

Conversions Part 2

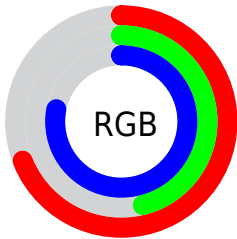
Format	Color
R _Y B	177, 117, 198
Decimal	11630022
CIE Lab	58.18, 37.58, -32.95
CIE LCh	58, 49.980, 318.761
Yxy	26.1469, 0.2953, 0.2226
Android (android.graphics.Color)	4289820102 (0xFFB175C6)
YUV	144.1740, 26.5362, 28.7884
Hunter-Lab	51.1340, 31.5994, -29.8666

Details

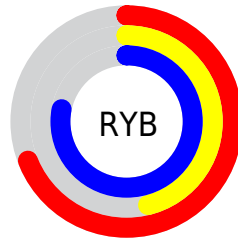
The Yxy color **26.1469, 0.2953, 0.2226** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **47.0595, 0.3224, 0.4479**, and the grayscale version is **27.8526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4619, 0.2999, 0.2416**, and **10.2389, 0.2869, 0.1932** is the 20% darker color. If you saturate the color by 10%, you get **21.4219, 0.2893, 0.1969**, and if you desaturate by 10%, it is **31.8722, 0.3006, 0.2493**.

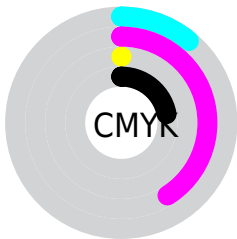
Distribution



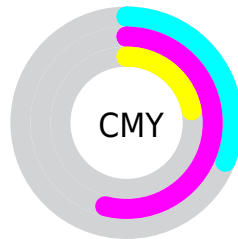
- Red (69%)
- Green (46%)
- Blue (78%)



- Red (69%)
- Yellow (46%)
- Blue (78%)



- Cyan (11%)
- Magenta (41%)
- Yellow (0%)
- Black (22%)




- Cyan (31%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1469, 0.2953, 0.2226 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 26.1469, 0.2953, 0.2226 by changing the saturation by 10% instead.


 26.1469, 0.2953,
0.2226


 26.1469, 0.2953,
0.2226


283.5025, 0.3062,
0.2759


 16.9336, 0.2918,
0.2095


 53.5118, 0.2998,
0.2418

 10.1871, 0.2870,
0.1930


 72.4322, 0.3013,
0.2491

 5.5232, 0.2797,
0.1714


 95.3571, 0.3026,
0.2553

 2.5574, 0.2682,
0.1427

122.6709, 0.3036,
0.2606

 0.9053, 0.2483,
0.1037

154.7579, 0.3044,
0.2651

 0.0000, 0.2200,
0.0000

192.0025, 0.3051,

 0.0000, 0.0000,

0.2692

0.0000

234.7893, 0.3057,
0.2727

■ 26.1469, 0.2953,
0.2226

■ 26.1469, 0.2953,
0.2226

■ 21.4219, 0.2893,
0.1969

■ 31.8722, 0.3006,
0.2493

■ 17.6316, 0.2828,
0.1734

■ 38.6513, 0.3053,
0.2761

■ 14.7076, 0.2760,
0.1531

■ 46.5378, 0.3092,
0.3021

■ 12.5709, 0.2690,
0.1369

■ 55.5807, 0.3125,
0.3268

■ 11.1272, 0.2620,
0.1254

■ 65.8260, 0.3151,
0.3500

■ 10.2554, 0.2559,
0.1184

■ 77.3172, 0.3173,
0.3713

■ 89.7242, 0.3190,
0.3902

■ 90.5019, 0.3223,
0.3896

■ 91.3040, 0.3256,
0.3890

Harmonies

Analogous

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



26.1469, 0.2247, 0.2040



26.1469, 0.2953, 0.2226



26.1469, 0.3822, 0.2621

Triad

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



26.1469, 0.2953, 0.2226



26.1469, 0.4531, 0.4357



26.1469, 0.1871, 0.3184

Complementary

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



26.1469, 0.2953, 0.2226



47.0595, 0.3224, 0.4479

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.



26.1469, 0.2369, 0.4106



26.1469, 0.2953, 0.2226



26.1469, 0.3902, 0.4793

Square

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



26.1469, 0.2953, 0.2226



26.1469, 0.4797, 0.3761



26.1469, 0.3112, 0.4765



26.1469, 0.1696, 0.2473

Rectangle

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



26.1469, 0.2953, 0.2226



26.1469, 0.4342, 0.2969



26.1469, 0.3112, 0.4765



26.1469, 0.2002, 0.3485

Sweetspot

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



26.1480, 0.2953, 0.2226



80.5356, 0.3087, 0.2988



26.2054, 0.2428, 0.2383



16.8240, 0.3082, 0.2954



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.1480, 0.2953, 0.2226



38.8337, 0.2901, 0.1998



27.9826, 0.3378, 0.2501



10.6732, 0.3097, 0.3059



6.7142, 0.2568, 0.1188



0.3513, 0.2708, 0.1265

Inverse Universe

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



26.5583, 0.3883, 0.3013



39.8608, 0.4140, 0.2958



45.9323, 0.2950, 0.4240



10.6812, 0.3250, 0.3230



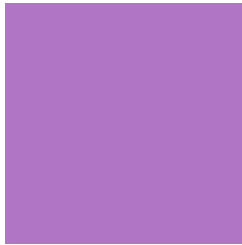
7.9765, 0.5880, 0.3013



0.3899, 0.5267, 0.2675

Previews

White Background



This preview shows how the Yxy color 26.1469, 0.2953, 0.2226 looks on a white background.

Color Contrast Check

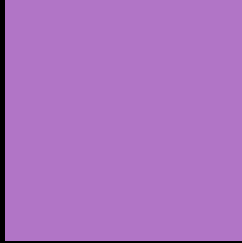
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.1469, 0.2953, 0.2226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

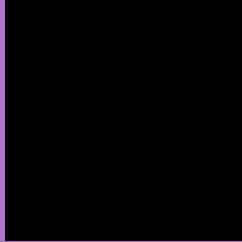
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1469, 0.2953, 0.2226

Background



This preview shows how black text looks on a background with the Yxy color 26.1469, 0.2953, 0.2226.



This preview shows how white text looks on a background with the Yxy color 26.1469, 0.2953, 0.2226.

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

26.1469, 0.2953, 0.2226

Protanopia

26.5940, 0.2295, 0.2167

Deuteranopia

26.2830, 0.2500, 0.2434



Tritanopia

26.1835, 0.3461, 0.3140

Trichromacy



Original Color

26.1469, 0.2953, 0.2226

Protanomaly

25.8030, 0.2487, 0.2165

Deuteranomaly

25.7450, 0.2652, 0.2341

Tritanomaly

25.8984, 0.3266, 0.2768

Monochromacy



Original Color

26.1469, 0.2953, 0.2226

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.7985, 0.3062, 0.2836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1469, 0.2953, 0.2226 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(177, 117, 198)` looks like.

```
.text, #text, p{  
    color:rgb(177, 117, 198)  
}
```

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(177, 117, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 117, 198) }
```

Border

The CSS property to change the border of an element to Yxy 26.1469, 0.2953, 0.2226 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(177, 117, 198) }
```

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

```
.border{ border-color:rgb(177, 117, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 117, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 117, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 117, 198);  
box-shadow:4px 4px 4px 4px rgb(177, 117,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1469, 0.2953, 0.2226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 117, 198) }
```

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

```
.background{ background-color: rgb(177,  
117, 198) }
```

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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