

Converting Colors

$Y_{xy}(26.3021, 0.2553, 0.2027)$

Have a look what the booklet for
Yxy(26.3021, 0.2553, 0.2027)
contains.

Yxy(26.3021, 0.2553, 0.2027)	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(26.3021, 0.2553, 0.2027)

Conversions

Conversions Part 1

Format	Color
Hex	997CDB
RGB	153, 124, 219
RGB Percent	60%, 49%, 86%
CMY	0.4000, 0.5137, 0.1413
CMYK	0.30, 0.43, 0.00, 0.14
HSL	258°, 57%, 67%
HSV	258°, 43%, 86%
XYZ	33.1274, 26.3021, 70.3292
YIQ	143.5010, -13.2110, 35.6930

Conversions

Conversions Part 2

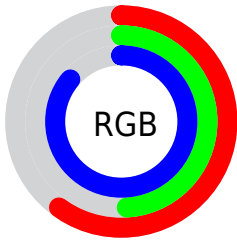
Format	Color
R _Y B	153, 124, 219
Decimal	10058971
CIE Lab	58.32, 31.52, -44.74
CIE LCh	58, 54.728, 305.162
Yxy	26.3021, 0.2553, 0.2027
Android (android.graphics.Color)	4288249051 (0xFF997CDB)
YUV	143.5010, 37.2210, 8.3306
Hunter-Lab	51.2856, 25.5506, -45.4060

Details

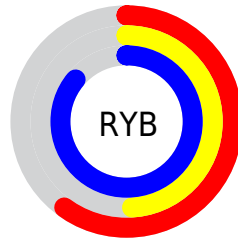
The Yxy color **26.3021, 0.2553, 0.2027** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **63.0490, 0.3539, 0.4445**, and the grayscale version is **27.5319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2196, 0.2809, 0.2442**, and **10.3291, 0.2359, 0.1707** is the 20% darker color. If you saturate the color by 10%, you get **20.0231, 0.2384, 0.1706**, and if you desaturate by 10%, it is **33.9903, 0.2711, 0.2349**.

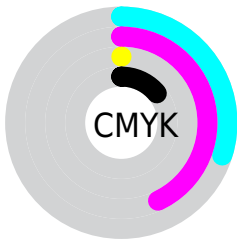
Distribution



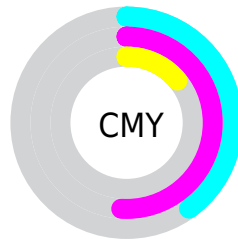
- Red (60%)
- Green (49%)
- Blue (86%)



- Red (60%)
- Yellow (49%)
- Blue (86%)



- Cyan (30%)
- Magenta (43%)
- Yellow (0%)
- Black (14%)





- Cyan (40%)
- Magenta (51%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3021, 0.2553, 0.2027 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 26.3021, 0.2553, 0.2027 by changing the saturation by 10% instead.


 26.3021, 0.2553,
0.2027


 26.3021, 0.2553,
0.2027


284.2619, 0.2870,
0.2650

 17.0498, 0.2467,
0.1879


 53.7619, 0.2674,
0.2249

 10.2700, 0.2352,
0.1694


 72.7382, 0.2718,
0.2334

 5.5783, 0.2196,
0.1462


 95.7246, 0.2754,
0.2406

 2.5904, 0.1974,
0.1164

123.1055, 0.2785,
0.2468

 0.9219, 0.1646,
0.0787

155.2652, 0.2811,
0.2523

 0.0000, 0.1151,
0.0000

192.5883, 0.2834,

 0.0000, 0.0000,

0.2570

0.0000

235.4591, 0.2853,
0.2613

■ 26.3021, 0.2553,
0.2027

■ 26.3021, 0.2553,
0.2027

■ 20.0231, 0.2384,
0.1706

■ 33.9903, 0.2711,
0.2349

■ 15.0616, 0.2212,
0.1401

■ 43.1655, 0.2855,
0.2657

■ 11.3197, 0.2045,
0.1134

■ 53.9033, 0.2983,
0.2945

■ 8.6835, 0.1894,
0.0921

■ 66.2731, 0.3093,
0.3208

■ 7.0166, 0.1768,
0.0775

■ 80.3403, 0.3189,
0.3443

■ 6.3010, 0.1699,
0.0710

■ 95.9153, 0.3270,
0.3649

■ 97.8930, 0.3340,
0.3641

Harmonies

Analogous

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



26.3021, 0.1933, 0.1943



26.3021, 0.2553, 0.2027



26.3021, 0.3445, 0.2352

Triad

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



26.3021, 0.2553, 0.2027



26.3021, 0.4835, 0.4132



26.3021, 0.1966, 0.3620

Complementary

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



26.3021, 0.2553, 0.2027



63.0490, 0.3539, 0.4445

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.



26.3021, 0.2636, 0.4598



26.3021, 0.2553, 0.2027



26.3021, 0.4292, 0.4731

Square

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



26.3021, 0.2553, 0.2027



26.3021, 0.4896, 0.3480



26.3021, 0.3489, 0.5008



26.3021, 0.1631, 0.2694

Rectangle

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



26.3021, 0.2553, 0.2027



26.3021, 0.4079, 0.2678



26.3021, 0.3489, 0.5008



26.3021, 0.2156, 0.3971

Sweetspot

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



26.3031, 0.2553, 0.2027



76.5337, 0.2986, 0.2952



46.4356, 0.2477, 0.2904



15.6141, 0.2959, 0.2890



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.



26.3031, 0.2553, 0.2027



29.0115, 0.2400, 0.1735



31.8073, 0.2991, 0.2172



12.8090, 0.3028, 0.3052



3.7878, 0.1712, 0.0717



0.2899, 0.1890, 0.0815

Inverse Universe

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



33.1904, 0.3473, 0.2522



40.1591, 0.3574, 0.2374



57.9441, 0.3188, 0.4585



13.2036, 0.3184, 0.3129



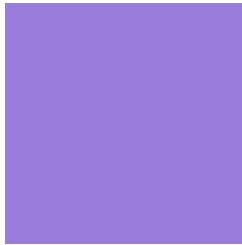
10.2973, 0.4161, 0.2066



0.6822, 0.3968, 0.1960

Previews

White Background



This preview shows how the Yxy color 26.3021, 0.2553, 0.2027 looks on a white background.

Color Contrast Check

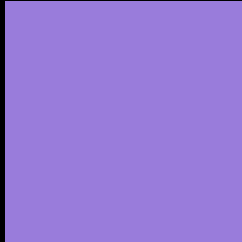
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3021, 0.2553, 0.2027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

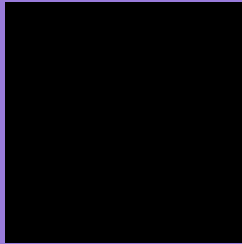
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3021, 0.2553, 0.2027

Background



This preview shows how black text looks on a background with the Yxy color 26.3021, 0.2553, 0.2027.



This preview shows how white text looks on a background with the Yxy color 26.3021, 0.2553, 0.2027.

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

26.3021, 0.2553, 0.2027

Protanopia

26.4856, 0.2144, 0.1969

Deuteranopia

26.5388, 0.2226, 0.2167



Tritanopia

26.1562, 0.3018, 0.3110

Trichromacy



Original Color

26.3021, 0.2553, 0.2027

Protanomaly

26.1135, 0.2269, 0.1975

Deuteranomaly

26.1249, 0.2329, 0.2103

Tritanomaly

26.0746, 0.2834, 0.2662

Monochromacy



Original Color

26.3021, 0.2553, 0.2027

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0346, 0.2902, 0.2769

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3021, 0.2553, 0.2027 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(153, 124, 219)` looks like.

```
.text, #text, p{  
    color:rgb(153, 124, 219)  
}
```

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(153, 124, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 124, 219) }
```

Border

The CSS property to change the border of an element to Yxy 26.3021, 0.2553, 0.2027 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(153, 124, 219) }
```

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

```
.border{ border-color:rgb(153, 124, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 124, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 124, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 124, 219);  
box-shadow:4px 4px 4px 4px rgb(153, 124,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3021, 0.2553, 0.2027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 124, 219) }
```

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

```
.background{ background-color: rgb(153,  
124, 219) }
```

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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