

Converting Colors

$Y_{xy}(27.0860, 0.2516, 0.2106)$

Have a look what the booklet for
Yxy(27.0860, 0.2516, 0.2106)
contains.

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Color

Yxy(27.0860, 0.2516, 0.2106)

Conversions

Conversions Part 1

Format	Color
Hex	9282D9
RGB	146, 130, 217
RGB Percent	57%, 51%, 85%
CMY	0.4275, 0.4902, 0.1490
CMYK	0.33, 0.40, 0.00, 0.15
HSL	251°, 53%, 68%
HSV	251°, 40%, 85%
XYZ	32.3592, 27.0860, 69.1683
YIQ	144.7020, -18.3910, 30.4490

Conversions

Conversions Part 2

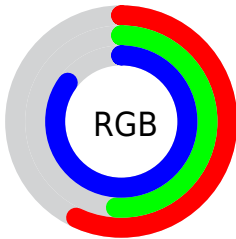
Format	Color
R_{YB}	146, 130, 217
Decimal	9601753
CIE _{Lab}	59.05, 25.62, -42.52
CIE _{LCh}	59, 49.648, 301.072
Yxy	27.0860, 0.2516, 0.2106
Android (android.graphics.Color)	4287791833 (0xFF9282D9)
YUV	144.7020, 35.6429, 1.1383
Hunter-Lab	52.0442, 19.9073, -42.3673

Details

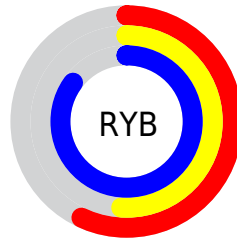
The Yxy color **27.0860, 0.2516, 0.2106** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **63.6583, 0.3596, 0.4324**, and the grayscale version is **28.0469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6435, 0.2762, 0.2497**, and **10.7688, 0.2306, 0.1790** is the 20% darker color. If you saturate the color by 10%, you get **20.4104, 0.2327, 0.1768**, and if you desaturate by 10%, it is **35.2324, 0.2694, 0.2437**.

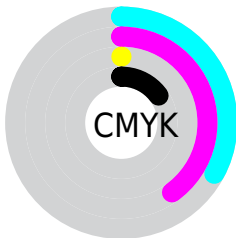
Distribution



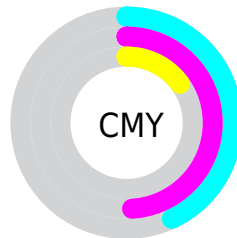
- Red (57%)
- Green (51%)
- Blue (85%)



- Red (57%)
- Yellow (51%)
- Blue (85%)



- Cyan (33%)
- Magenta (40%)
- Yellow (0%)
- Black (15%)





- Cyan (43%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0860, 0.2516, 0.2106 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 27.0860, 0.2516, 0.2106 by changing the saturation by 10% instead.


 27.0860, 0.2516,
0.2106


 27.0860, 0.2516,
0.2106


288.0733, 0.2848,
0.2695

 17.6378, 0.2427,
0.1964


 55.0218, 0.2642,
0.2317

 10.6903, 0.2309,
0.1786


 74.2783, 0.2688,
0.2398

 5.8590, 0.2150,
0.1559


 97.5730, 0.2726,
0.2466

 2.7595, 0.1924,
0.1265

125.2902, 0.2758,
0.2525

 1.0075, 0.1592,
0.0884

157.8145, 0.2786,
0.2576

 0.0000, 0.1074,
0.0000

195.5302, 0.2810,

 0.0000, 0.0000,

0.2620

0.0000

238.8216, 0.2830,
0.2660

■ 27.0860, 0.2516,
0.2106

■ 27.0860, 0.2516,
0.2106

■ 20.4104, 0.2327,
0.1768

■ 35.2324, 0.2694,
0.2437

■ 15.1139, 0.2136,
0.1441

■ 44.9277, 0.2857,
0.2748

■ 11.0990, 0.1953,
0.1147

■ 56.2482, 0.3001,
0.3033

■ 8.2539, 0.1793,
0.0908

■ 69.2643, 0.3126,
0.3288

■ 6.4472, 0.1667,
0.0740

■ 84.0420, 0.3234,
0.3514

■ 5.4582, 0.1579,
0.0643

■ 97.2758, 0.3334,
0.3663

■ 97.7898, 0.3352,
0.3661

Harmonies

Analogous

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



27.0860, 0.1980, 0.2065



27.0860, 0.2516, 0.2106



27.0860, 0.3302, 0.2380

Triad

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



27.0860, 0.2516, 0.2106



27.0860, 0.4718, 0.4004



27.0860, 0.2144, 0.3719

Complementary

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



27.0860, 0.2516, 0.2106



63.6583, 0.3596, 0.4324

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.



27.0860, 0.2797, 0.4536



27.0860, 0.2516, 0.2106



27.0860, 0.4288, 0.4551

Square

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



27.0860, 0.2516, 0.2106



27.0860, 0.4685, 0.3403



27.0860, 0.3582, 0.4827



27.0860, 0.1782, 0.2861

Rectangle

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



27.0860, 0.2516, 0.2106



27.0860, 0.3874, 0.2669



27.0860, 0.3582, 0.4827



27.0860, 0.2335, 0.4022

Sweetspot

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



27.0870, 0.2516, 0.2106



77.5731, 0.2973, 0.2978



51.5538, 0.2545, 0.3077



16.1279, 0.2955, 0.2941



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.



27.0870, 0.2516, 0.2106



30.8627, 0.2359, 0.1824



31.8539, 0.2908, 0.2227



12.7317, 0.3009, 0.3050



3.3374, 0.1588, 0.0649



0.2509, 0.1735, 0.0730

Inverse Universe

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



34.9371, 0.3329, 0.2467



43.7812, 0.3383, 0.2307



58.4622, 0.3260, 0.4447



13.2317, 0.3166, 0.3101



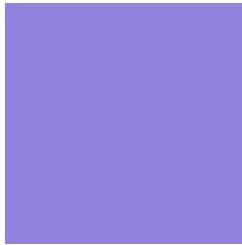
10.8693, 0.3734, 0.1830



0.7151, 0.3633, 0.1775

Previews

White Background



This preview shows how the Yxy color 27.0860, 0.2516, 0.2106 looks on a white background.

Color Contrast Check

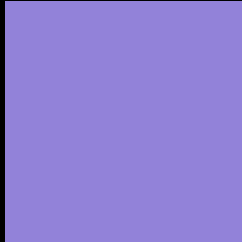
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0860, 0.2516, 0.2106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

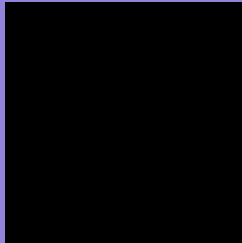
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0860, 0.2516, 0.2106

Background



This preview shows how black text looks on a background with the Yxy color 27.0860, 0.2516, 0.2106.



This preview shows how white text looks on a background with the Yxy color 27.0860, 0.2516, 0.2106.

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

27.0860, 0.2516, 0.2106

Protanopia

27.2165, 0.2226, 0.2071

Deuteranopia

27.1442, 0.2271, 0.2204



Tritanopia

26.9980, 0.2911, 0.3093

Trichromacy



Original Color

27.0860, 0.2516, 0.2106

Protanomaly

27.0932, 0.2320, 0.2084

Deuteranomaly

26.9868, 0.2350, 0.2159

Tritanomaly

26.7946, 0.2754, 0.2673

Monochromacy



Original Color

27.0860, 0.2516, 0.2106

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7162, 0.2884, 0.2814

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0860, 0.2516, 0.2106 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(146, 130, 217)` looks like.

```
.text, #text, p{  
    color:rgb(146, 130, 217)  
}
```

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(146, 130, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 130, 217) }
```

Border

The CSS property to change the border of an element to Yxy 27.0860, 0.2516, 0.2106 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(146, 130, 217) }
```

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

```
.border{ border-color:rgb(146, 130, 217) }
```

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

Here you see how a box with a 4 pixel rgb(146, 130, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 130, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 130, 217);  
box-shadow:4px 4px 4px 4px rgb(146, 130,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0860, 0.2516, 0.2106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 130, 217) }
```

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

```
.background{ background-color: rgb(146,  
130, 217) }
```

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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