

Converting Colors

$Y_{xy}(25.9212, 0.2839, 0.3077)$

Have a look what the booklet for
Yxy(25.9212, 0.2839, 0.3077)
contains.

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Color

Yxy(26.0391, 0.2841, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	7D8E9A
RGB	125, 142, 154
RGB Percent	49%, 56%, 60%
CMY	0.5098, 0.4431, 0.3960
CMYK	0.19, 0.08, 0.00, 0.40
HSL	205°, 13%, 55%
HSV	205°, 19%, 60%
XYZ	23.9641, 26.0391, 34.3477
YIQ	138.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

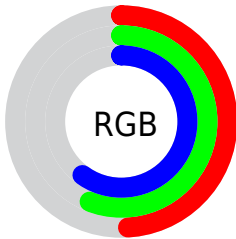
Format	Color
R_{YB}	125, 136, 154
Decimal	8228506
CIE _{Lab}	58.07, -3.41, -8.43
CIE _{LCh}	58, 9.098, 247.964
Yxy	26.0391, 0.2841, 0.3087
Android (android.graphics.Color)	4286418586 (0xFF7D8E9A)
YUV	138.2850, 7.7475, -11.6509
Hunter-Lab	51.0285, -5.4725, -4.1886

Details

The Yxy color **26.0391, 0.2841, 0.3087** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2503, 0.3449, 0.3485**, and the grayscale version is **25.5045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4989, 0.2904, 0.3140**, and **10.1701, 0.2744, 0.3015** is the 20% darker color. If you saturate the color by 10%, you get **23.1249, 0.2687, 0.2963**, and if you desaturate by 10%, it is **29.2439, 0.2994, 0.3200**.

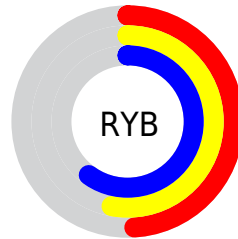
Distribution



Red (49%)

Green (56%)

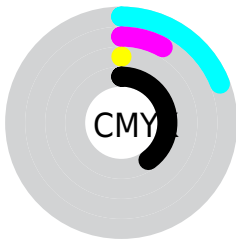
Blue (60%)



Red (49%)

Yellow (53%)

Blue (60%)

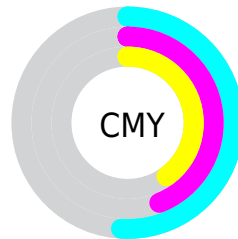


Cyan (19%)

Magenta (8%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0391, 0.2841, 0.3087 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 26.0391, 0.2841, 0.3087 by changing the saturation by 10% instead.

■ 26.0391, 0.2841,
0.3087

■ 26.0391, 0.2841,
0.3087

■ 282.9740, 0.2997,
0.3199

■ 16.8529, 0.2797,
0.3055

■ 53.3380, 0.2901,
0.3131

■ 10.1297, 0.2738,
0.3011

■ 72.2195, 0.2922,
0.3146

■ 5.4850, 0.2653,
0.2947

■ 95.1016, 0.2940,
0.3159

■ 2.5346, 0.2521,
0.2846

■ 122.3686, 0.2955,
0.3169

■ 0.8939, 0.2284,
0.2664

■ 154.4049, 0.2968,
0.3179

■ 0.0000, 0.0000,
0.0000

191.5950, 0.2979,

0.3186

234.3232, 0.2988,
0.3193

■ 26.0391, 0.2841,
0.3087

■ 26.0391, 0.2841,
0.3087

■ 23.1249, 0.2687,
0.2963

■ 29.2439, 0.2994,
0.3200

■ 20.4881, 0.2534,
0.2829

■ 32.7455, 0.3144,
0.3301

■ 18.1189, 0.2388,
0.2686

■ 36.5541, 0.3289,
0.3392

■ 16.0057, 0.2251,
0.2535

■ 40.6782, 0.3427,
0.3472

■ 14.1359, 0.2127,
0.2379

■ 45.1260, 0.3558,
0.3544

■ 12.4953, 0.2021,
0.2221

■ 49.9053, 0.3682,
0.3606

■ 11.0677, 0.1935,
0.2064

■ 55.0237, 0.3798,
0.3661

■ 9.8213, 0.1867,
0.1911

■ 60.4886, 0.3906,
0.3709

■ 9.6854, 0.1859,
0.1894

■ 64.6355, 0.3936,
0.3764

Harmonies

Analogous

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



26.0391, 0.2840, 0.3199



26.0391, 0.2841, 0.3087



26.0391, 0.2917, 0.3032

Triad

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



26.0391, 0.2841, 0.3087



26.0391, 0.3344, 0.3236



26.0391, 0.3200, 0.3550

Complementary

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



26.0391, 0.2841, 0.3087



26.2503, 0.3449, 0.3485

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.



26.0391, 0.3338, 0.3554



26.0391, 0.2841, 0.3087



26.0391, 0.3423, 0.3369

Square

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



26.0391, 0.2841, 0.3087



26.0391, 0.3206, 0.3119



26.0391, 0.3421, 0.3486



26.0391, 0.3045, 0.3471

Rectangle

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



26.0391, 0.2841, 0.3087



26.0391, 0.3000, 0.3033



26.0391, 0.3421, 0.3486



26.0391, 0.3250, 0.3560

Sweetspot

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



26.0402, 0.2841, 0.3087



54.7838, 0.3036, 0.3228



29.2754, 0.3001, 0.3585



12.3165, 0.3027, 0.3222



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.



26.0402, 0.2841, 0.3087



44.7803, 0.2770, 0.3031



22.1045, 0.2828, 0.2841



6.5973, 0.2989, 0.3196



7.9593, 0.1863, 0.1905



0.1906, 0.2045, 0.2562

Inverse Universe

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



23.4912, 0.3283, 0.3019



39.3496, 0.3329, 0.2949



30.5274, 0.3410, 0.3702



6.2803, 0.3197, 0.3160



6.2088, 0.4561, 0.2286



0.1000, 0.3861, 0.1901

Previews

White Background



This preview shows how the Yxy color 26.0391, 0.2841, 0.3087 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 26.0391, 0.2841, 0.3087 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

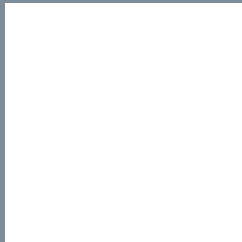
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0391, 0.2841, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 26.0391, 0.2841, 0.3087.

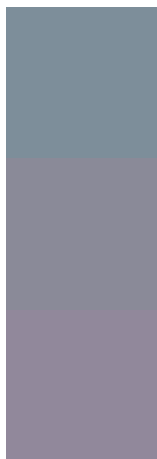


This preview shows how white text looks on a background with the Yxy color 26.0391, 0.2841, 0.3087.

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

26.0391, 0.2841, 0.3087

Protanopia

25.8472, 0.2988, 0.3061

Deuteranopia

25.9946, 0.3033, 0.2987



Tritanopia

26.0059, 0.2850, 0.3104

Trichromacy



Original Color

26.0391, 0.2841, 0.3087

Protanomaly

25.7517, 0.2928, 0.3058

Deuteranomaly

25.9468, 0.2960, 0.3013

Tritanomaly

26.0059, 0.2850, 0.3104

Monochromacy



Original Color

26.0391, 0.2841, 0.3087

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.4654, 0.3013, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0391, 0.2841, 0.3087 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(125, 142, 154)` looks like.

```
.text, #text, p{  
    color:rgb(125, 142, 154)  
}
```

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(125, 142, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 142, 154) }
```

Border

The CSS property to change the border of an element to Yxy 26.0391, 0.2841, 0.3087 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(125, 142, 154) }
```

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

```
.border{ border-color:rgb(125, 142, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 142, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 142, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 142, 154);  
box-shadow:4px 4px 4px 4px rgb(125, 142,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0391, 0.2841, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 142, 154) }
```

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

```
.background{ background-color: rgb(125,  
142, 154) }
```

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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