

Converting Colors

$Y_{xy}(26.1413, 0.2876, 0.3354)$

Have a look what the booklet for
Yxy(26.1413, 0.2876, 0.3354)
contains.

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Color

$Y_{xy}(26.2927, 0.2874, 0.3359)$

Conversions

Conversions Part 1

Format	Color
Hex	75928E
RGB	117, 146, 142
RGB Percent	46%, 57%, 56%
CMY	0.5413, 0.4274, 0.4431
CMYK	0.20, 0.00, 0.03, 0.43
HSL	172°, 12%, 52%
HSV	172°, 20%, 57%
XYZ	22.4963, 26.2927, 29.4863
YIQ	136.8730, -16.0000, -7.3920

Conversions

Conversions Part 2

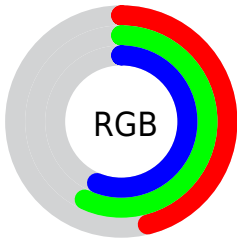
Format	Color
RYB	117, 133, 146
Decimal	7705230
CIELab	58.31, -11.03, -1.27
CIELCh	58, 11.104, 186.554
Yxy	26.2927, 0.2874, 0.3359
Android (android.graphics.Color)	4285895310 (0xFF75928E)
YUV	136.8730, 2.5276, -17.4286
Hunter-Lab	51.2764, -11.4209, 1.7990

Details

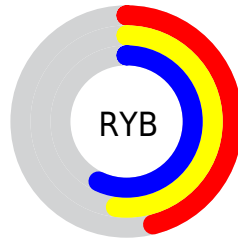
The Yxy color $26.2927, 0.2874, 0.3359$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.2095, 0.3454, 0.3223$, and the grayscale version is $24.9601, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.8401, 0.2928, 0.3341$, and $10.1861, 0.2780, 0.3368$ is the 20% darker color. If you saturate the color by 10%, you get $25.3005, 0.2758, 0.3398$, and if you desaturate by 10%, it is $27.4459, 0.2998, 0.3323$.

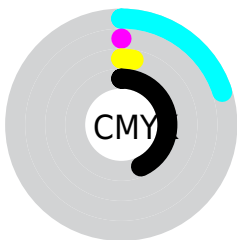
Distribution



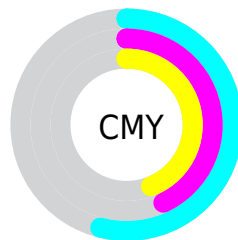
- Red (46%)
- Green (57%)
- Blue (56%)



- Red (46%)
- Yellow (52%)
- Blue (57%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)





- Cyan (54%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2927, 0.2874, 0.3359 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 26.2927, 0.2874, 0.3359 by changing the saturation by 10% instead.


 26.2927, 0.2874,
0.3359


 26.2927, 0.2874,
0.3359


284.2160, 0.3012,
0.3322

 17.0427, 0.2835,
0.3369


 53.7468, 0.2927,
0.3345

 10.2650, 0.2782,
0.3383


 72.7197, 0.2946,
0.3340

 5.5750, 0.2705,
0.3402

 95.7023, 0.2962,
0.3336

 2.5884, 0.2585,
0.3432

123.0792, 0.2975,
0.3332

 0.9208, 0.2309,
0.3511

155.2345, 0.2987,
0.3329

 0.0000, 0.0000,
0.0000

192.5529, 0.2996,

0.3326

235.4186, 0.3005,
0.3324

■ 26.2927, 0.2874,
0.3359

■ 26.2927, 0.2874,
0.3359

■ 25.3005, 0.2758,
0.3398

■ 27.4459, 0.2998,
0.3323

■ 24.4587, 0.2654,
0.3440

■ 28.7637, 0.3129,
0.3290

■ 23.7606, 0.2564,
0.3484

■ 30.2536, 0.3263,
0.3260

■ 23.1976, 0.2489,
0.3530

■ 31.9216, 0.3398,
0.3233

■ 22.7601, 0.2433,
0.3576

■ 33.7735, 0.3533,
0.3209

■ 22.4374, 0.2394,
0.3624

■ 35.8150, 0.3666,
0.3188

■ 22.2170, 0.2374,
0.3671

■ 38.0511, 0.3795,
0.3170

■ 22.0661, 0.2366,
0.3718

■ 40.4871, 0.3920,
0.3154

■ 22.0644, 0.2366,
0.3718

■ 43.1279, 0.4041,
0.3141

Harmonies

Analogous

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



26.2927, 0.3035, 0.3518



26.2927, 0.2874, 0.3359



26.2927, 0.2781, 0.3185

Triad

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



26.2927, 0.2874, 0.3359



26.2927, 0.3023, 0.2991



26.2927, 0.3488, 0.3522

Complementary

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



26.2927, 0.2874, 0.3359



20.2095, 0.3454, 0.3223

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.



26.2927, 0.3486, 0.3377



26.2927, 0.2874, 0.3359



26.2927, 0.3213, 0.3077

Square

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



26.2927, 0.2874, 0.3359



26.2927, 0.2865, 0.2979



26.2927, 0.3384, 0.3217



26.2927, 0.3390, 0.3610

Rectangle

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



26.2927, 0.2874, 0.3359



26.2927, 0.2769, 0.3087



26.2927, 0.3384, 0.3217



26.2927, 0.3499, 0.3478

Sweetspot

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



26.2938, 0.2874, 0.3359



49.2518, 0.3047, 0.3310



25.9328, 0.3148, 0.3811



10.9283, 0.3040, 0.3312



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.2938, 0.2874, 0.3359



45.5398, 0.2820, 0.3377



23.4215, 0.2829, 0.3110



6.5487, 0.3007, 0.3320



19.4173, 0.2366, 0.3716



0.2407, 0.2302, 0.3487

Inverse Universe

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



20.2095, 0.3454, 0.3223



32.7397, 0.3552, 0.3206



22.6104, 0.3473, 0.3464



5.8276, 0.3262, 0.3260



5.4245, 0.6177, 0.3176



0.0689, 0.5400, 0.2748

Previews

White Background



This preview shows how the Yxy color 26.2927, 0.2874, 0.3359 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 26.2927, 0.2874, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

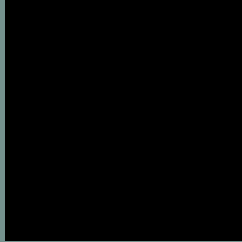
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

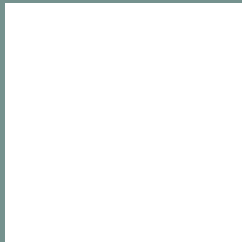
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.2927, 0.2874, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 26.2927, 0.2874, 0.3359.



This preview shows how white text looks on a background with the Yxy color 26.2927, 0.2874, 0.3359.

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

26.2927, 0.2874, 0.3359

Protanopia

26.1399, 0.3181, 0.3307

Deuteranopia

26.2012, 0.3211, 0.3163



Tritanopia

26.3061, 0.2788, 0.3103

Trichromacy



Original Color

26.2927, 0.2874, 0.3359

Protanomaly

26.2784, 0.3072, 0.3340

Deuteranomaly

26.2283, 0.3087, 0.3240

Tritanomaly

26.3747, 0.2822, 0.3203

Monochromacy



Original Color

26.2927, 0.2874, 0.3359

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.3661, 0.3030, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2927, 0.2874, 0.3359 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(117, 146, 142)` looks like.

```
.text, #text, p{  
    color:rgb(117, 146, 142)  
}
```

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(117, 146, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 146, 142) }
```

Border

The CSS property to change the border of an element to Yxy 26.2927, 0.2874, 0.3359 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(117, 146, 142) }
```

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

```
.border{ border-color:rgb(117, 146, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 146, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 146, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 146, 142);  
box-shadow:4px 4px 4px 4px rgb(117, 146,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2927, 0.2874, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 146, 142) }
```

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

```
.background{ background-color: rgb(117,  
146, 142) }
```

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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