

Converting Colors

$Yxy(26.1887, 0.2862, 0.3338)$

Have a look what the booklet for
Yxy(26.1887, 0.2862, 0.3338)
contains.

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Color

$Y_{xy}(26.3228, 0.2866, 0.3342)$

Conversions

Conversions Part 1

Format	Color
Hex	75928F
RGB	117, 146, 143
RGB Percent	46%, 57%, 56%
CMY	0.5411, 0.4275, 0.4393
CMYK	0.20, 0.00, 0.02, 0.43
HSL	174°, 12%, 52%
HSV	174°, 20%, 57%
XYZ	22.5737, 26.3228, 29.8672
YIQ	136.9870, -16.3210, -7.0810

Conversions

Conversions Part 2

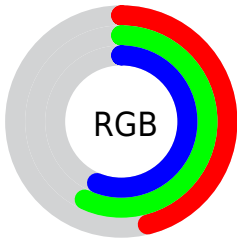
Format	Color
R_{YB}	117, 132, 146
Decimal	7705231
CIE _{Lab}	58.34, -10.80, -1.77
CIE _{LCh}	58, 10.945, 189.325
Yxy	26.3228, 0.2866, 0.3342
Android (android.graphics.Color)	4285895311 (0xFF75928F)
YUV	136.9870, 2.9644, -17.5286
Hunter-Lab	51.3058, -11.2481, 1.3989

Details

The Yxy color $26.3228, 0.2866, 0.3342$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.1967, 0.3466, 0.3239$, and the grayscale version is $25.0058, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.8858, 0.2922, 0.3328$, and $10.2037, 0.2768, 0.3342$ is the 20% darker color. If you saturate the color by 10%, you get $25.3440, 0.2747, 0.3372$, and if you desaturate by 10%, it is $27.4621, 0.2994, 0.3315$.

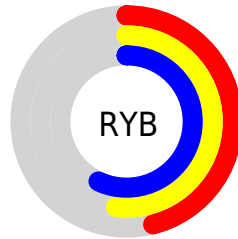
Distribution



Red (46%)

Green (57%)

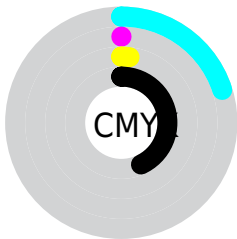
Blue (56%)



Red (46%)

Yellow (52%)

Blue (57%)

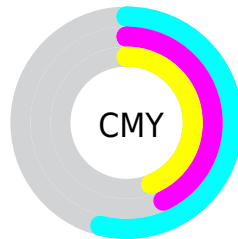


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (43%)



Cyan (54%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3228, 0.2866, 0.3342 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 26.3228, 0.2866, 0.3342 by changing the saturation by 10% instead.

■ 26.3228, 0.2866,
0.3342

■ 26.3228, 0.2866,
0.3342

284.3631, 0.3008,
0.3314

■ 17.0653, 0.2826,
0.3349

■ 53.7952, 0.2921,
0.3332

■ 10.2810, 0.2771,
0.3359

■ 72.7790, 0.2941,
0.3328

■ 5.5857, 0.2693,
0.3373

■ 95.7735, 0.2957,
0.3325

■ 2.5948, 0.2570,
0.3393

123.1634, 0.2970,
0.3322

■ 0.9241, 0.2294,
0.3451

155.3328, 0.2982,
0.3320

■ 0.0000, 0.0000,
0.0000

192.6664, 0.2992,

0.3318

235.5483, 0.3001,
0.3316

■ 26.3228, 0.2866,
0.3342

■ 26.3228, 0.2866,
0.3342

■ 25.3440, 0.2747,
0.3372

■ 27.4621, 0.2994,
0.3315

■ 24.5153, 0.2639,
0.3403

■ 28.7655, 0.3129,
0.3290

■ 23.8297, 0.2546,
0.3436

■ 30.2406, 0.3268,
0.3267

■ 23.2788, 0.2469,
0.3470

■ 31.8933, 0.3409,
0.3247

■ 22.8531, 0.2410,
0.3505

■ 33.7295, 0.3549,
0.3229

■ 22.5417, 0.2370,
0.3540

■ 35.7547, 0.3687,
0.3213

■ 22.3322, 0.2347,
0.3575

■ 37.9742, 0.3822,
0.3199

■ 22.1920, 0.2336,
0.3610

■ 40.3930, 0.3952,
0.3188

■ 22.1899, 0.2336,
0.3610

■ 43.0160, 0.4078,
0.3178

Harmonies

Analogous

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



26.3228, 0.3020, 0.3502



26.3228, 0.2866, 0.3342



26.3228, 0.2782, 0.3172

Triad

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



26.3228, 0.2866, 0.3342



26.3228, 0.3041, 0.3001



26.3228, 0.3477, 0.3529

Complementary

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



26.3228, 0.2866, 0.3342



20.1967, 0.3466, 0.3239

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.



26.3228, 0.3485, 0.3391



26.3228, 0.2866, 0.3342



26.3228, 0.3229, 0.3091

Square

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



26.3228, 0.2866, 0.3342



26.3228, 0.2881, 0.2981



26.3228, 0.3393, 0.3232



26.3228, 0.3374, 0.3609

Rectangle

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



26.3228, 0.2866, 0.3342



26.3228, 0.2776, 0.3078



26.3228, 0.3393, 0.3232



26.3228, 0.3491, 0.3488

Sweetspot

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



26.3239, 0.2866, 0.3342



49.2679, 0.3044, 0.3305



25.8649, 0.3138, 0.3811



10.9322, 0.3037, 0.3307



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.



26.3239, 0.2866, 0.3342



45.6022, 0.2809, 0.3355



23.1571, 0.2828, 0.3092



6.5519, 0.3003, 0.3313



19.5291, 0.2336, 0.3609



0.2414, 0.2288, 0.3436

Inverse Universe

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



20.1967, 0.3466, 0.3239



32.6919, 0.3568, 0.3226



22.8688, 0.3470, 0.3480



5.8246, 0.3267, 0.3267



5.4105, 0.6242, 0.3212



0.0682, 0.5601, 0.2859

Previews

White Background



This preview shows how the Yxy color 26.3228, 0.2866, 0.3342 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 26.3228, 0.2866, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

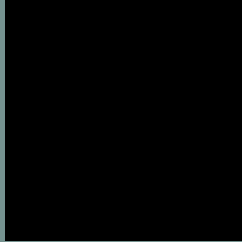
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

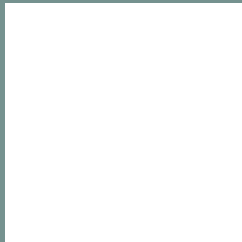
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.3228, 0.2866, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 26.3228, 0.2866, 0.3342.



This preview shows how white text looks on a background with the Yxy color 26.3228, 0.2866, 0.3342.

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

26.3228, 0.2866, 0.3342

Protanopia

26.0801, 0.3160, 0.3290

Deuteranopia

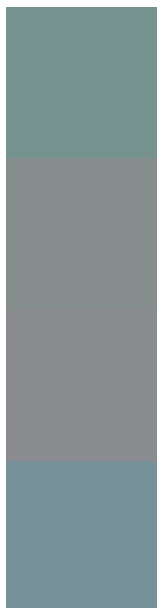
26.2320, 0.3200, 0.3147



Tritanopia

26.2688, 0.2770, 0.3086

Trichromacy



Original Color

26.3228, 0.2866, 0.3342

Protanomaly

26.2260, 0.3052, 0.3324

Deuteranomaly

26.2588, 0.3077, 0.3224

Tritanomaly

26.3367, 0.2805, 0.3186

Monochromacy



Original Color

26.3228, 0.2866, 0.3342

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 26.3228, 0.2866, 0.3342 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(117, 146, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 146, 143) }
```

Border

The CSS property to change the border of an element to Yxy 26.3228, 0.2866, 0.3342 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, 143) }
```

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

```
.border{ border-color:rgb(117, 146, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 146, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 146, 143);  
box-shadow:4px 4px 4px 4px rgb(117, 146,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3228, 0.2866, 0.3342 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, 143) }
```

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

```
.background{ background-color: rgb(117,  
146, 143) }
```

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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