

Converting Colors

$Y_{xy}(26.0022, 0.2811, 0.3254)$

Have a look what the booklet for
Yxy(26.0022, 0.2811, 0.3254)
contains.

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Color

Yxy(26.0022, 0.2811, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	739193
RGB	115, 145, 147
RGB Percent	45%, 57%, 58%
CMY	0.5490, 0.4314, 0.4235
CMYK	0.22, 0.01, 0.00, 0.42
HSL	184°, 13%, 51%
HSV	184°, 22%, 58%
XYZ	22.4623, 26.0022, 31.4440
YIQ	136.2580, -18.5220, -5.7380

Conversions

Conversions Part 2

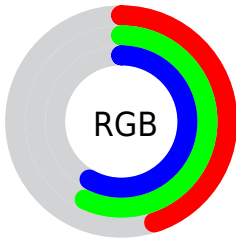
Format	Color
R_{YB}	115, 130, 147
Decimal	7573907
CIE _{Lab}	58.04, -10.00, -4.54
CIE _{LCh}	58, 10.987, 204.427
Yxy	26.0022, 0.2811, 0.3254
Android (android.graphics.Color)	4285763987 (0xFF739193)
YUV	136.2580, 5.2958, -18.6433
Hunter-Lab	50.9924, -10.6069, -0.8660

Details

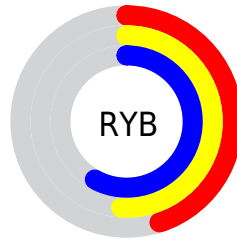
The Yxy color $26.0022, 0.2811, 0.3254$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.1660, 0.3544, 0.3326$, and the grayscale version is $24.7076, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.3887, 0.2880, 0.3264$, and $10.2057, 0.2694, 0.3236$ is the 20% darker color. If you saturate the color by 10%, you get $24.8039, 0.2680, 0.3236$, and if you desaturate by 10%, it is $27.3639, 0.2952, 0.3271$.

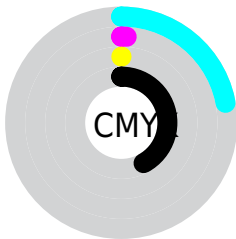
Distribution



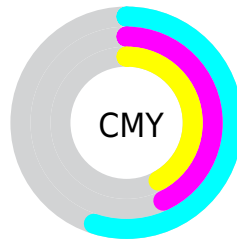
- Red (45%)
- Green (57%)
- Blue (58%)



- Red (45%)
- Yellow (51%)
- Blue (58%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (55%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0022, 0.2811, 0.3254 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 26.0022, 0.2811, 0.3254 by changing the saturation by 10% instead.

■ 26.0022, 0.2811,
0.3254

■ 26.0022, 0.2811,
0.3254

■ 282.7929, 0.2983,
0.3276

■ 16.8253, 0.2763,
0.3247

■ 53.2785, 0.2877,
0.3263

■ 10.1100, 0.2697,
0.3237

■ 72.1467, 0.2901,
0.3266

■ 5.4720, 0.2603,
0.3221

■ 95.0140, 0.2921,
0.3268

■ 2.5267, 0.2456,
0.3194

■ 122.2650, 0.2937,
0.3270

■ 0.8900, 0.2137,
0.3161

■ 154.2840, 0.2951,
0.3272

■ 0.0000, 0.0000,
0.0000

191.4554, 0.2963,

0.3273

234.1635, 0.2974,
0.3275

■ 26.0022, 0.2811,
0.3254

■ 26.0022, 0.2811,
0.3254

■ 24.8039, 0.2680,
0.3236

■ 27.3639, 0.2952,
0.3271

■ 23.7582, 0.2560,
0.3216

■ 28.8928, 0.3100,
0.3287

■ 22.8581, 0.2456,
0.3196

■ 30.5966, 0.3253,
0.3302

■ 22.0947, 0.2368,
0.3175

■ 32.4815, 0.3407,
0.3315

■ 21.4581, 0.2299,
0.3155

■ 34.5535, 0.3560,
0.3327

■ 20.9371, 0.2247,
0.3134

■ 36.8182, 0.3711,
0.3337

■ 20.5184, 0.2213,
0.3113

■ 39.2810, 0.3859,
0.3347

■ 20.2215, 0.2194,
0.3097

■ 41.9472, 0.4001,
0.3354

■ 44.8217, 0.4138,
0.3361

Harmonies

Analogous

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



26.0022, 0.2934, 0.3427



26.0022, 0.2811, 0.3254



26.0022, 0.2771, 0.3098

Triad

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



26.0022, 0.2811, 0.3254



26.0022, 0.3135, 0.3036



26.0022, 0.3438, 0.3581

Complementary

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



26.0022, 0.2811, 0.3254



20.1660, 0.3544, 0.3326

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.



26.0022, 0.3497, 0.3467



26.0022, 0.2811, 0.3254



26.0022, 0.3319, 0.3157

Square

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



26.0022, 0.2811, 0.3254



26.0022, 0.2954, 0.2979



26.0022, 0.3453, 0.3312



26.0022, 0.3295, 0.3619

Rectangle

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



26.0022, 0.2811, 0.3254



26.0022, 0.2795, 0.3024



26.0022, 0.3453, 0.3312



26.0022, 0.3469, 0.3550

Sweetspot

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



26.0033, 0.2811, 0.3254



50.2258, 0.3020, 0.3279



25.7911, 0.3085, 0.3845



11.4337, 0.3013, 0.3278



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.0033, 0.2811, 0.3254



45.5024, 0.2747, 0.3245



21.5586, 0.2792, 0.2973



6.5005, 0.2990, 0.3276



17.5409, 0.2194, 0.3098



0.2299, 0.2222, 0.3200

Inverse Universe

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



20.5091, 0.3175, 0.2798



33.9501, 0.3187, 0.2689



24.1092, 0.3491, 0.3587



5.9030, 0.3146, 0.3085



6.9641, 0.3369, 0.1630



0.0868, 0.3282, 0.1582

Previews

White Background



This preview shows how the Yxy color 26.0022, 0.2811, 0.3254 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 26.0022, 0.2811, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

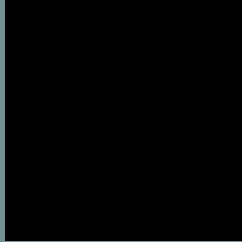
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

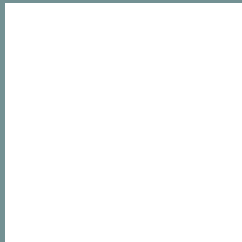
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0022, 0.2811, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 26.0022, 0.2811, 0.3254.



This preview shows how white text looks on a background with the Yxy color 26.0022, 0.2811, 0.3254.

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

26.0022, 0.2811, 0.3254

Protanopia

25.7356, 0.3098, 0.3207

Deuteranopia

25.7938, 0.3127, 0.3066



Tritanopia

26.0950, 0.2760, 0.3101

Trichromacy



Original Color

26.0022, 0.2811, 0.3254

Protanomaly

25.8887, 0.2993, 0.3239

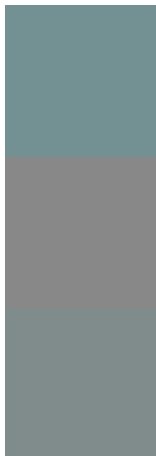
Deuteranomaly

25.8376, 0.3006, 0.3141

Tritanomaly

25.9265, 0.2776, 0.3151

Monochromacy



Original Color

26.0022, 0.2811, 0.3254

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.9479, 0.3000, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0022, 0.2811, 0.3254 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(115, 145, 147)` looks like.

```
.text, #text, p{  
    color:rgb(115, 145, 147)  
}
```

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(115, 145, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 145, 147) }
```

Border

The CSS property to change the border of an element to Yxy 26.0022, 0.2811, 0.3254 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(115, 145, 147) }
```

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

```
.border{ border-color:rgb(115, 145, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 145, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 145, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 145, 147);  
box-shadow:4px 4px 4px 4px rgb(115, 145,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0022, 0.2811, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 145, 147) }
```

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

```
.background{ background-color: rgb(115,  
145, 147) }
```

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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