

Converting Colors

$Y_{xy}(25.9975, 0.2742, 0.3367)$

Have a look what the booklet for
Yxy(25.9975, 0.2742, 0.3367)
contains.

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Color

Yxy(26.0465, 0.2743, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	67948F
RGB	103, 148, 143
RGB Percent	40%, 58%, 56%
CMY	0.5959, 0.4196, 0.4393
CMYK	0.30, 0.00, 0.03, 0.42
HSL	173°, 18%, 49%
HSV	173°, 30%, 58%
XYZ	21.1440, 26.0465, 29.8930
YIQ	133.9750, -25.2150, -11.0950

Conversions

Conversions Part 2

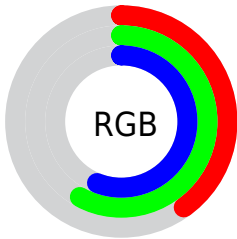
Format	Color
RYB	103, 127, 148
Decimal	6788239
CIELab	58.08, -16.35, -2.26
CIElCh	58, 16.510, 187.870
Yxy	26.0465, 0.2743, 0.3379
Android (android.graphics.Color)	4284978319 (0xFF67948F)
YUV	133.9750, 4.4493, -27.1651
Hunter-Lab	51.0358, -15.3605, 0.9974

Details

The Yxy color $26.0465, 0.2743, 0.3379$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.0890, 0.3709, 0.3205$, and the grayscale version is $23.8241, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.3402, 0.2824, 0.3355$, and $10.0966, 0.2598, 0.3398$ is the 20% darker color. If you saturate the color by 10%, you get $25.1984, 0.2637, 0.3413$, and if you desaturate by 10%, it is $27.0524, 0.2861, 0.3347$.

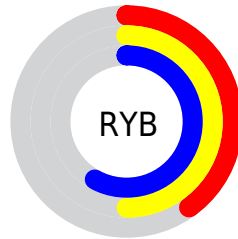
Distribution



Red (40%)

Green (58%)

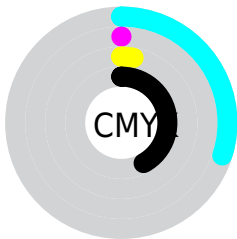
Blue (56%)



Red (40%)

Yellow (50%)

Blue (58%)

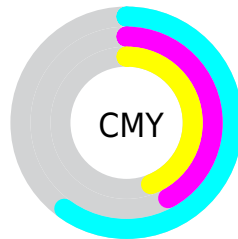


Cyan (30%)

Magenta (0%)

Yellow (3%)

Black (42%)



Cyan (60%)


Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0465, 0.2743, 0.3379 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 26.0465, 0.2743, 0.3379 by changing the saturation by 10% instead.


 26.0465, 0.2743,
0.3379


 26.0465, 0.2743,
0.3379


283.0103, 0.2952,
0.3332


 16.8584, 0.2684,
0.3392


 53.3500, 0.2824,
0.3361


 10.1336, 0.2604,
0.3408


 72.2341, 0.2853,
0.3355

 5.4876, 0.2489,
0.3431

 95.1191, 0.2876,
0.3349

 2.5361, 0.2311,
0.3464

 122.3893, 0.2896,
0.3345

 0.8947, 0.1813,
0.3596

154.4292, 0.2913,
0.3341

 0.0000, 0.0000,
0.0000

191.6230, 0.2928,

0.3338

234.3552, 0.2941,
0.3335

■ 26.0465, 0.2743,
0.3379

■ 26.0465, 0.2743,
0.3379

■ 25.1984, 0.2637,
0.3413

■ 27.0524, 0.2861,
0.3347

■ 24.4967, 0.2545,
0.3448

■ 28.2205, 0.2988,
0.3318

■ 23.9336, 0.2470,
0.3485

■ 29.5589, 0.3122,
0.3291

■ 23.4992, 0.2412,
0.3522

■ 31.0742, 0.3260,
0.3267

■ 23.1823, 0.2373,
0.3560

■ 32.7728, 0.3399,
0.3245

■ 22.9697, 0.2352,
0.3598

■ 34.6607, 0.3539,
0.3225

■ 22.8308, 0.2343,
0.3634

■ 36.7436, 0.3676,
0.3208

■ 39.0269, 0.3810,
0.3194

■ 41.5159, 0.3940,
0.3181

Harmonies

Analogous

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



26.0465, 0.2975, 0.3626



26.0465, 0.2743, 0.3379



26.0465, 0.2615, 0.3117

Triad

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



26.0465, 0.2743, 0.3379



26.0465, 0.2981, 0.2856



26.0465, 0.3662, 0.3637

Complementary

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



26.0465, 0.2743, 0.3379



17.0890, 0.3709, 0.3205

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.



26.0465, 0.3668, 0.3423



26.0465, 0.2743, 0.3379



26.0465, 0.3265, 0.2986

Square

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



26.0465, 0.2743, 0.3379



26.0465, 0.2747, 0.2830



26.0465, 0.3521, 0.3189



26.0465, 0.3508, 0.3770

Rectangle

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



26.0465, 0.2743, 0.3379



26.0465, 0.2601, 0.2975



26.0465, 0.3521, 0.3189



26.0465, 0.3682, 0.3571

Sweetspot

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



26.0476, 0.2743, 0.3379



50.0622, 0.3004, 0.3315



25.3651, 0.3139, 0.4135



11.3600, 0.2986, 0.3318



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.



26.0476, 0.2743, 0.3379



44.9804, 0.2674, 0.3400



21.1938, 0.2668, 0.2971



6.5512, 0.3004, 0.3315



19.5047, 0.2342, 0.3631



0.2413, 0.2291, 0.3447

Inverse Universe

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



17.0890, 0.3709, 0.3205



26.7401, 0.3884, 0.3186



20.7753, 0.3697, 0.3587



5.8253, 0.3266, 0.3266



5.4132, 0.6229, 0.3205



0.0683, 0.5556, 0.2834

Previews

White Background



This preview shows how the Yxy color 26.0465, 0.2743, 0.3379 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 26.0465, 0.2743, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

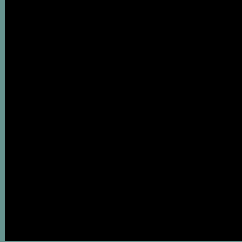
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0465, 0.2743, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 26.0465, 0.2743, 0.3379.



This preview shows how white text looks on a background with the Yxy color 26.0465, 0.2743, 0.3379.

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

26.0465, 0.2743, 0.3379

Protanopia

25.7339, 0.3182, 0.3307

Deuteranopia

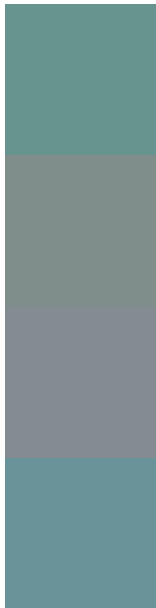
25.8873, 0.3180, 0.3115



Tritanopia

26.0563, 0.2652, 0.3098

Trichromacy



Original Color

26.0465, 0.2743, 0.3379

Protanomaly

25.7993, 0.3009, 0.3341

Deuteranomaly

25.7870, 0.3004, 0.3206

Tritanomaly

26.1377, 0.2685, 0.3201

Monochromacy



Original Color

26.0465, 0.2743, 0.3379

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.4823, 0.2976, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0465, 0.2743, 0.3379 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(103, 148, 143)` looks like.

```
.text, #text, p{  
    color:rgb(103, 148, 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(103, 148, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 148, 143) }
```

Border

The CSS property to change the border of an element to Yxy 26.0465, 0.2743, 0.3379 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(103, 148, 143) }
```

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

```
.border{ border-color:rgb(103, 148, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 148, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 148, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 148, 143);  
box-shadow:4px 4px 4px 4px rgb(103, 148,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0465, 0.2743, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 148, 143) }
```

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

```
.background{ background-color: rgb(103,  
148, 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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