

Converting Colors

$Y_{xy}(26.7302, 0.2671, 0.3562)$

Have a look what the booklet for
Yxy(26.7302, 0.2671, 0.3562)
contains.

Yxy(26.6922, 0.2673, 0.3567)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(26.6922, 0.2673, 0.3567)$

Conversions

Conversions Part 1

Format	Color
Hex	58998A
RGB	88, 153, 138
RGB Percent	35%, 60%, 54%
CMY	0.6549, 0.4000, 0.4589
CMYK	0.42, 0.00, 0.10, 0.40
HSL	166°, 27%, 47%
HSV	166°, 42%, 60%
XYZ	20.0023, 26.6922, 28.1364
YIQ	131.8550, -33.9250, -18.4450

Conversions

Conversions Part 2

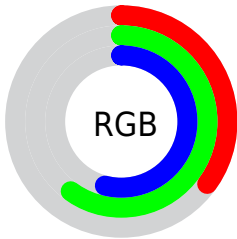
Format	Color
RYB	88, 125, 153
Decimal	5806474
CIELab	58.69, -24.53, 1.38
CIElCh	59, 24.565, 176.771
Yxy	26.6922, 0.2673, 0.3567
Android (android.graphics.Color)	4283996554 (0xFF58998A)
YUV	131.8550, 3.0295, -38.4608
Hunter-Lab	51.6645, -21.3052, 3.8759

Details

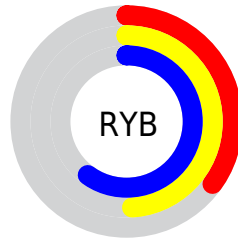
The Yxy color $26.6922, 0.2673, 0.3567$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $14.7324, 0.3935, 0.3039$, and the grayscale version is $23.0178, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5361, 0.2770, 0.3518$, and $10.5646, 0.2514, 0.3686$ is the 20% darker color. If you saturate the color by 10%, you get $25.9226, 0.2594, 0.3645$, and if you desaturate by 10%, it is $27.6240, 0.2765, 0.3493$.

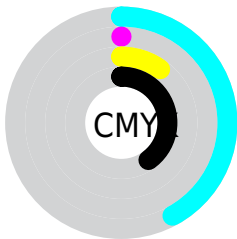
Distribution



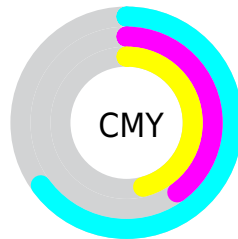
- Red (35%)
- Green (60%)
- Blue (54%)



- Red (35%)
- Yellow (49%)
- Blue (60%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)





- Cyan (65%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6922, 0.2673, 0.3567 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 26.6922, 0.2673, 0.3567 by changing the saturation by 10% instead.


 26.6922, 0.2673,
0.3567


 26.6922, 0.2673,
0.3567


286.1637, 0.2921,
0.3415


 17.3422, 0.2603,
0.3610


 54.3896, 0.2769,
0.3508


 10.4788, 0.2508,
0.3669


 73.5057, 0.2803,
0.3487

 5.7175, 0.2372,
0.3755

 96.6460, 0.2831,
0.3470

 2.6741, 0.2160,
0.3891

 124.1948, 0.2855,
0.3455

 0.9641, 0.1415,
0.4323

156.5366, 0.2875,
0.3443

 0.0000, 0.0000,
0.0000

194.0558, 0.2892,

0.3432

237.1367, 0.2908,
0.3423

■ 26.6922, 0.2673,
0.3567

■ 26.6922, 0.2673,
0.3567

■ 25.9226, 0.2594,
0.3645

■ 27.6240, 0.2765,
0.3493

■ 25.3020, 0.2532,
0.3726

■ 28.7239, 0.2869,
0.3425

■ 24.8205, 0.2487,
0.3808


■ 30.0012, 0.2980,
0.3361


■ 24.4655, 0.2461,
0.3892


■ 31.4639, 0.3097,
0.3304

■ 24.2220, 0.2453,
0.3976

■ 33.1191, 0.3218,
0.3251

 24.0836, 0.2455,
0.4039

 34.9739, 0.3339,
0.3205

 37.0349, 0.3460,
0.3163

 39.3083, 0.3579,
0.3127

 41.8001, 0.3694,
0.3095

Harmonies

Analogous

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



26.6922, 0.3044, 0.3904



26.6922, 0.2673, 0.3567



26.6922, 0.2431, 0.3161

Triad

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



26.6922, 0.2673, 0.3567



26.6922, 0.2770, 0.2634



26.6922, 0.3950, 0.3675

Complementary

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



26.6922, 0.2673, 0.3567



14.7324, 0.3935, 0.3039

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.



26.6922, 0.3874, 0.3345



26.6922, 0.2673, 0.3567



26.6922, 0.3169, 0.2769

Square

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



26.6922, 0.2673, 0.3567



26.6922, 0.2485, 0.2649



26.6922, 0.3580, 0.3022



26.6922, 0.3790, 0.3936

Rectangle

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



26.6922, 0.2673, 0.3567



26.6922, 0.2367, 0.2926



26.6922, 0.3580, 0.3022



26.6922, 0.3952, 0.3568

Sweetspot

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



26.6933, 0.2673, 0.3567



53.5369, 0.2971, 0.3366



26.3821, 0.3209, 0.4511



11.7131, 0.2948, 0.3379



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.6933, 0.2673, 0.3567



46.4809, 0.2598, 0.3641



21.8906, 0.2511, 0.2966



7.0021, 0.3018, 0.3342



19.9087, 0.2454, 0.4033



0.3030, 0.2351, 0.3663

Inverse Universe

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



14.7324, 0.3935, 0.3039



22.1413, 0.4222, 0.2988



17.6492, 0.4060, 0.3586



6.2449, 0.3249, 0.3239



5.7037, 0.5937, 0.3044



0.0901, 0.4941, 0.2496

Previews

White Background



This preview shows how the Yxy color 26.6922, 0.2673, 0.3567 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 26.6922, 0.2673, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

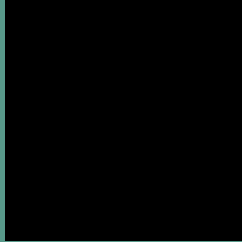
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6922, 0.2673, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 26.6922, 0.2673, 0.3567.

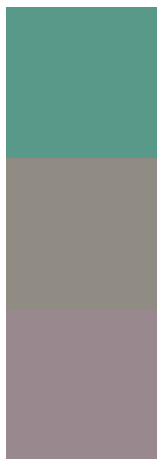


This preview shows how white text looks on a background with the Yxy color 26.6922, 0.2673, 0.3567.

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

26.6922, 0.2673, 0.3567

Protanopia

26.4146, 0.3274, 0.3439

Deuteranopia

26.3336, 0.3255, 0.3195



Tritanopia

26.8010, 0.2533, 0.3079

Trichromacy



Original Color

26.6922, 0.2673, 0.3567

Protanomaly

26.2571, 0.3015, 0.3481

Deuteranomaly

25.9362, 0.3000, 0.3307

Tritanomaly

26.7084, 0.2586, 0.3253

Monochromacy



Original Color

26.6922, 0.2673, 0.3567

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.1904, 0.2933, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6922, 0.2673, 0.3567 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(88, 153, 138)` looks like.

```
.text, #text, p{  
  color:rgb(88, 153, 138)  
}
```

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(88, 153, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 153, 138) }
```

Border

The CSS property to change the border of an element to Yxy 26.6922, 0.2673, 0.3567 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(88, 153, 138) }
```

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

```
.border{ border-color:rgb(88, 153, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 153, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 153, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 153, 138);  
box-shadow:4px 4px 4px 4px rgb(88, 153,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6922, 0.2673, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 153, 138) }
```

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

```
.background{ background-color: rgb(88, 153,  
138) }
```

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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