

Converting Colors

$Yxy(26.4052, 0.2698, 0.3603)$

Have a look what the booklet for
Yxy(26.4052, 0.2698, 0.3603)
contains.

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Color

Yxy(26.3296, 0.2701, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	599887
RGB	89, 152, 135
RGB Percent	35%, 60%, 53%
CMY	0.6510, 0.4039, 0.4706
CMYK	0.41, 0.00, 0.11, 0.40
HSL	164°, 26%, 47%
HSV	164°, 41%, 60%
XYZ	19.7216, 26.3296, 26.9648
YIQ	131.2250, -32.0910, -18.6430

Conversions

Conversions Part 2

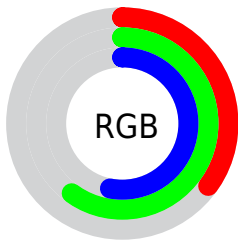
Format	Color
R_{YB}	89, 125, 152
Decimal	5871751
CIE _{Lab}	58.35, -24.46, 2.59
CIE _{LCh}	58, 24.596, 173.953
Yxy	26.3296, 0.2701, 0.3606
Android (android.graphics.Color)	4284061831 (0xFF599887)
YUV	131.2250, 1.8611, -37.0313
Hunter-Lab	51.3124, -21.1911, 4.7616

Details

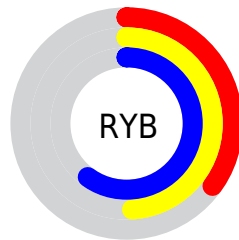
The Yxy color **26.3296, 0.2701, 0.3606** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.8622, 0.3865, 0.3003**, and the grayscale version is **22.7844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0073, 0.2793, 0.3546**, and **10.3566, 0.2553, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **25.5413, 0.2624, 0.3697**, and if you desaturate by 10%, it is **27.2797, 0.2791, 0.3520**.

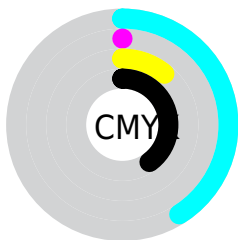
Distribution



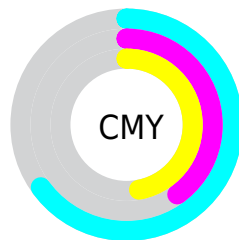
- Red (35%)
- Green (60%)
- Blue (53%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3296, 0.2701, 0.3606 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 26.3296, 0.2701, 0.3606 by changing the saturation by 10% instead.


 26.3296, 0.2701,
0.3606

 26.3296, 0.2701,
0.3606

284.3963, 0.2935,
0.3431


 17.0704, 0.2635,
0.3657


 53.8062, 0.2792,
0.3538


 10.2847, 0.2544,
0.3726


 72.7924, 0.2824,
0.3514

 5.5881, 0.2413,
0.3828

 95.7896, 0.2850,
0.3494

 2.5963, 0.2207,
0.3992

 123.1824, 0.2873,
0.3477

 0.9248, 0.1385,
0.4553

155.3551, 0.2892,
0.3463

 0.0000, 0.0000,
0.0000

192.6920, 0.2908,

0.3451

235.5776, 0.2922,
0.3440

■ 26.3296, 0.2701,
0.3606

■ 26.3296, 0.2701,
0.3606

■ 25.5413, 0.2624,
0.3697

■ 27.2797, 0.2791,
0.3520

■ 24.9020, 0.2563,
0.3793

■ 28.3974, 0.2891,
0.3440

■ 24.4020, 0.2519,
0.3891


■ 29.6918, 0.2998,
0.3366


■ 24.0291, 0.2494,
0.3990

■ 31.1706, 0.3111,
0.3299


■ 23.7689, 0.2488,
0.4089

■ 32.8411, 0.3226,
0.3239

 23.6045, 0.2493,
0.4174

 34.7100, 0.3341,
0.3185

 36.7837, 0.3455,
0.3137

 39.0686, 0.3568,
0.3095

 41.5704, 0.3676,
0.3058

Harmonies

Analogous

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



26.3296, 0.3082, 0.3930



26.3296, 0.2701, 0.3606



26.3296, 0.2443, 0.3197

Triad

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



26.3296, 0.2701, 0.3606



26.3296, 0.2735, 0.2625



26.3296, 0.3958, 0.3647

Complementary

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



26.3296, 0.2701, 0.3606



14.8622, 0.3865, 0.3003

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.



26.3296, 0.3859, 0.3313



26.3296, 0.2701, 0.3606



26.3296, 0.3129, 0.2748

Square

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



26.3296, 0.2701, 0.3606



26.3296, 0.2463, 0.2655



26.3296, 0.3547, 0.2993



26.3296, 0.3818, 0.3921

Rectangle

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



26.3296, 0.2701, 0.3606



26.3296, 0.2367, 0.2954



26.3296, 0.3547, 0.2993



26.3296, 0.3952, 0.3538

Sweetspot

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



26.3307, 0.2701, 0.3606



52.2154, 0.2990, 0.3372



26.2954, 0.3239, 0.4465



11.8041, 0.2977, 0.3380



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.



26.3307, 0.2701, 0.3606



45.1412, 0.2627, 0.3693



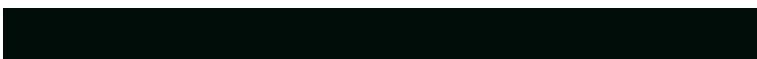
22.6697, 0.2534, 0.3036



6.9981, 0.3023, 0.3351



19.7966, 0.2491, 0.4167



0.3019, 0.2370, 0.3731

Inverse Universe

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



14.8622, 0.3865, 0.3003



22.0231, 0.4131, 0.2942



17.0291, 0.4051, 0.3525



6.2487, 0.3243, 0.3230



5.7361, 0.5812, 0.2975



0.0912, 0.4777, 0.2405

Previews

White Background



This preview shows how the Yxy color 26.3296, 0.2701, 0.3606 looks on a white background.

Color Contrast Check

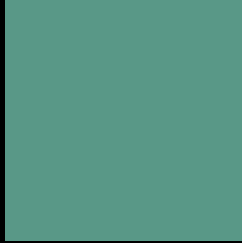
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3296, 0.2701, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

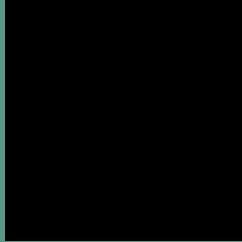
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3296, 0.2701, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 26.3296, 0.2701, 0.3606.

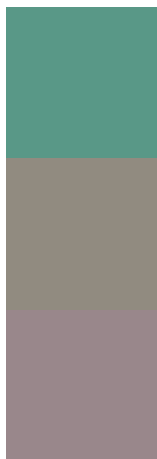


This preview shows how white text looks on a background with the Yxy color 26.3296, 0.2701, 0.3606.

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

26.3296, 0.2701, 0.3606

Protanopia

26.0435, 0.3308, 0.3473

Deuteranopia

25.9643, 0.3288, 0.3227



Tritanopia

26.2047, 0.2556, 0.3078

Trichromacy



Original Color

26.3296, 0.2701, 0.3606

Protanomaly

25.9452, 0.3054, 0.3517

Deuteranomaly

25.6306, 0.3040, 0.3341

Tritanomaly

26.0564, 0.2602, 0.3252

Monochromacy



Original Color

26.3296, 0.2701, 0.3606

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.8442, 0.2952, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3296, 0.2701, 0.3606 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(89, 152, 135)` looks like.

```
.text, #text, p{  
    color:rgb(89, 152, 135)  
}
```

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(89, 152, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 152, 135) }
```

Border

The CSS property to change the border of an element to Yxy 26.3296, 0.2701, 0.3606 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(89, 152, 135) }
```

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

```
.border{ border-color:rgb(89, 152, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 152, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 152, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 152, 135);  
box-shadow:4px 4px 4px 4px rgb(89, 152,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3296, 0.2701, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 152, 135) }
```

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

```
.background{ background-color: rgb(89, 152,  
135) }
```

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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