

Converting Colors

$Y_{xy}(26.5333, 0.2903, 0.3827)$

Have a look what the booklet for
Yxy(26.5333, 0.2903, 0.3827)
contains.

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Color

Yxy(26.6532, 0.2896, 0.3827)

Conversions

Conversions Part 1

Format	Color
Hex	65987B
RGB	101, 152, 123
RGB Percent	40%, 60%, 48%
CMY	0.6040, 0.4039, 0.5176
CMYK	0.34, 0.00, 0.19, 0.40
HSL	146°, 20%, 50%
HSV	146°, 34%, 60%
XYZ	20.1692, 26.6532, 22.8227
YIQ	133.4450, -21.0870, -19.8310

Conversions

Conversions Part 2

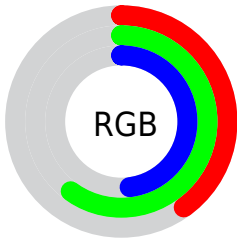
Format	Color
RYB	101, 137, 152
Decimal	6658171
CIELab	58.65, -23.54, 9.91
CIElCh	59, 25.543, 157.182
Yxy	26.6532, 0.2896, 0.3827
Android (android.graphics.Color)	4284848251 (0xFF65987B)
YUV	133.4450, -5.1494, -28.4543
Hunter-Lab	51.6267, -20.6114, 9.9283

Details

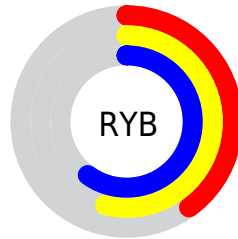
The Yxy color $26.6532, 0.2896, 0.3827$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.5917, 0.3456, 0.2811$, and the grayscale version is $23.6507, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4931, 0.2948, 0.3720$, and $10.5056, 0.2803, 0.4059$ is the 20% darker color. If you saturate the color by 10%, you get $25.6497, 0.2839, 0.4021$, and if you desaturate by 10%, it is $27.8402, 0.2961, 0.3648$.

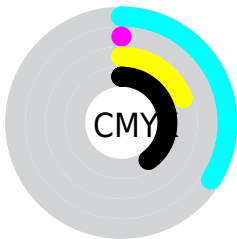
Distribution



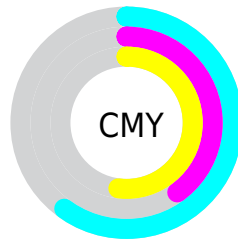
- Red (40%)
- Green (60%)
- Blue (48%)



- Red (40%)
- Yellow (54%)
- Blue (60%)



- Cyan (34%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)





- Cyan (60%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6532, 0.2896, 0.3827 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 26.6532, 0.2896, 0.3827 by changing the saturation by 10% instead.

 26.6532, 0.2896,
0.3827


 26.6532, 0.2896,
0.3827


285.9740, 0.3027,
0.3524


 17.3129, 0.2857,
0.3917


 54.3269, 0.2948,
0.3707


 10.4579, 0.2802,
0.4043


 73.4290, 0.2966,
0.3665

 5.7036, 0.2720,
0.4232

 96.5540, 0.2981,
0.3631

 2.6657, 0.2582,
0.4545

 124.0861, 0.2993,
0.3602

 0.9598, 0.2039,
0.5832

156.4098, 0.3004,
0.3578

 0.0000, 0.0000,
0.0000

193.9094, 0.3013,

0.3557

236.9693, 0.3020,
0.3540

■ 26.6532, 0.2896,
0.3827

■ 26.6532, 0.2896,
0.3827

■ 25.6497, 0.2839,
0.4021

■ 27.8402, 0.2961,
0.3648

■ 24.8171, 0.2792,
0.4228

■ 29.2163, 0.3030,
0.3485

■ 24.1460, 0.2758,
0.4444


■ 30.7907, 0.3101,
0.3338

■ 23.6251, 0.2741,
0.4662

■ 32.5710, 0.3173,
0.3208


■ 23.2410, 0.2742,
0.4876


■ 34.5646, 0.3244,
0.3093

 22.9785, 0.2762,
0.5079

 36.7783, 0.3313,
0.2991

 22.8470, 0.2779,
0.5203

 39.2187, 0.3380,
0.2903

 41.8922, 0.3443,
0.2825

 44.8048, 0.3504,
0.2757

Harmonies

Analogous

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



26.6532, 0.3321, 0.4049



26.6532, 0.2896, 0.3827



26.6532, 0.2549, 0.3431

Triad

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



26.6532, 0.2896, 0.3827



26.6532, 0.2546, 0.2600



26.6532, 0.3960, 0.3467

Complementary

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



26.6532, 0.2896, 0.3827



17.5917, 0.3456, 0.2811

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.



26.6532, 0.3725, 0.3122



26.6532, 0.2896, 0.3827



26.6532, 0.2890, 0.2642

Square

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



26.6532, 0.2896, 0.3827



26.6532, 0.2359, 0.2727



26.6532, 0.3323, 0.2829



26.6532, 0.3951, 0.3795

Rectangle

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



26.6532, 0.2896, 0.3827



26.6532, 0.2403, 0.3149



26.6532, 0.3323, 0.2829



26.6532, 0.3907, 0.3350

Sweetspot

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



26.6543, 0.2896, 0.3827



52.4625, 0.3054, 0.3433



28.2026, 0.3385, 0.4169



11.8448, 0.3045, 0.3453



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.



26.6543, 0.2896, 0.3827



45.7338, 0.2854, 0.3966



27.3544, 0.2696, 0.3364



6.9676, 0.3061, 0.3419



19.1613, 0.2775, 0.5191



0.2936, 0.2550, 0.4380

Inverse Universe

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



17.5917, 0.3456, 0.2811



27.3195, 0.3553, 0.2706



17.0053, 0.3818, 0.3220



6.2785, 0.3199, 0.3164



6.1721, 0.4632, 0.2325



0.0996, 0.3898, 0.1921

Previews

White Background



This preview shows how the Yxy color 26.6532, 0.2896, 0.3827 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 26.6532, 0.2896, 0.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

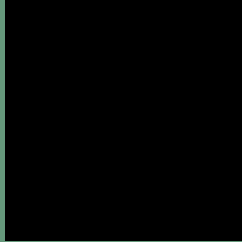
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

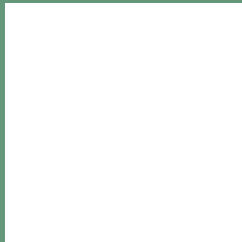
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6532, 0.2896, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 26.6532, 0.2896, 0.3827.



This preview shows how white text looks on a background with the Yxy color 26.6532, 0.2896, 0.3827.

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

26.6532, 0.2896, 0.3827

Protanopia

26.3364, 0.3457, 0.3671

Deuteranopia

26.2312, 0.3491, 0.3418



Tritanopia

26.6219, 0.2663, 0.3083

Trichromacy



Original Color

26.6532, 0.2896, 0.3827

Protanomaly

26.1037, 0.3235, 0.3726

Deuteranomaly

25.9594, 0.3246, 0.3545

Tritanomaly

26.6344, 0.2745, 0.3342

Monochromacy



Original Color

26.6532, 0.2896, 0.3827

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.4061, 0.3033, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6532, 0.2896, 0.3827 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(101, 152, 123)` looks like.

```
.text, #text, p{  
    color:rgb(101, 152, 123)  
}
```

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(101, 152, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 152, 123) }
```

Border

The CSS property to change the border of an element to Yxy 26.6532, 0.2896, 0.3827 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(101, 152, 123) }
```

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

```
.border{ border-color:rgb(101, 152, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 152, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 152, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 152, 123); box-shadow:4px 4px 4px 4px rgb(101, 152, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6532, 0.2896, 0.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 152, 123) }
```

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

```
.background{ background-color: rgb(101,  
152, 123) }
```

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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