

Converting Colors

$Y_{xy}(26.5499, 0.2741, 0.3366)$

Have a look what the booklet for
Yxy(26.5499, 0.2741, 0.3366)
contains.

Yxy(26.4823, 0.2737, 0.3360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(26.4823, 0.2737, 0.3360)$

Conversions

Conversions Part 1	
Format	Color
Hex	689591
RGB	104, 149, 145
RGB Percent	41%, 58%, 57%
CMY	0.5919, 0.4157, 0.4314
CMYK	0.30, 0.00, 0.03, 0.42
HSL	175°, 18%, 50%
HSV	175°, 30%, 58%
XYZ	21.5720, 26.4823, 30.7620
YIQ	135.0890, -25.5360, -10.7840

Conversions

Conversions Part 2

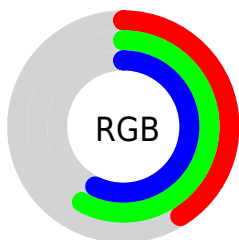
Format	Color
RYB	104, 128, 149
Decimal	6854033
CIELab	58.49, -16.09, -2.80
CIELCh	58, 16.337, 189.869
Yxy	26.4823, 0.2737, 0.3360
Android (android.graphics.Color)	4285044113 (0xFF689591)
YUV	135.0890, 4.8861, -27.2651
Hunter-Lab	51.4610, -15.2308, 0.5806

Details

The Yxy color $26.4823, 0.2737, 0.3360$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.3852, 0.3718, 0.3223$, and the grayscale version is $24.2567, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0035, 0.2819, 0.3341$, and $10.3459, 0.2591, 0.3369$ is the 20% darker color. If you saturate the color by 10%, you get $25.6279, 0.2629, 0.3387$, and if you desaturate by 10%, it is $27.4969, 0.2858, 0.3335$.

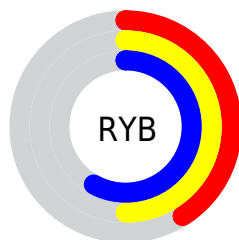
Distribution



Red (41%)

Green (58%)

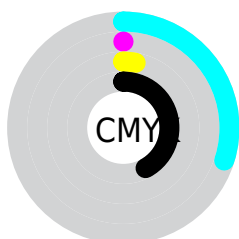
Blue (57%)



Red (41%)

Yellow (50%)

Blue (58%)

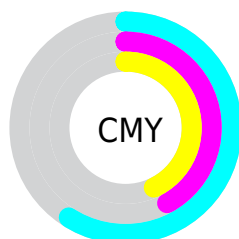


Cyan (30%)

Magenta (0%)

Yellow (3%)

Black (42%)



Cyan (59%)

Magenta (42%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4823, 0.2737, 0.3360 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 26.4823, 0.2737, 0.3360 by changing the saturation by 10% instead.


 26.4823, 0.2737,
0.3360


 26.4823, 0.2737,
0.3360


285.1417, 0.2949,
0.3324

 17.1848, 0.2678,
0.3369


 54.0520, 0.2818,
0.3347

 10.3663, 0.2598,
0.3381


 73.0930, 0.2848,
0.3342

 5.6425, 0.2483,
0.3398


 96.1506, 0.2872,
0.3337

 2.6290, 0.2305,
0.3420

 123.6092, 0.2892,
0.3334

 0.9412, 0.1865,
0.3506


155.8532, 0.2909,
0.3331


 0.0000, 0.0000,
0.0000


193.2671, 0.2924,


0.3328


236.2351, 0.2937,
0.3326


 26.4823, 0.2737,
0.3360

 26.4823, 0.2737,
0.3360


 25.6279, 0.2629,
0.3387


 27.4969, 0.2858,
0.3335


 24.9222, 0.2535,
0.3415


 28.6761, 0.2988,
0.3312


 24.3573, 0.2457,
0.3444


 30.0282, 0.3125,
0.3290


 23.9229, 0.2398,
0.3473


 31.5600, 0.3266,
0.3271

 23.6079, 0.2357,
0.3503

 33.2778, 0.3409,
0.3254


 23.3990, 0.2333,
0.3532

 35.1878, 0.3552,
0.3238

 23.2630, 0.2323,
0.3561

 37.2957, 0.3693,
0.3225

 39.6071, 0.3831,
0.3213

 42.1274, 0.3964,
0.3203

Harmonies

Analogous

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



26.4823, 0.2960, 0.3607



26.4823, 0.2737, 0.3360



26.4823, 0.2619, 0.3105

Triad

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



26.4823, 0.2737, 0.3360



26.4823, 0.3002, 0.2868



26.4823, 0.3648, 0.3643

Complementary

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



26.4823, 0.2737, 0.3360



17.3852, 0.3718, 0.3223

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.



26.4823, 0.3664, 0.3437



26.4823, 0.2737, 0.3360



26.4823, 0.3282, 0.3002

Square

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



26.4823, 0.2737, 0.3360



26.4823, 0.2766, 0.2835



26.4823, 0.3528, 0.3205



26.4823, 0.3488, 0.3767

Rectangle

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



26.4823, 0.2737, 0.3360



26.4823, 0.2611, 0.2969



26.4823, 0.3528, 0.3205



26.4823, 0.3671, 0.3581

Sweetspot

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



26.4834, 0.2737, 0.3360



51.5834, 0.3001, 0.3310



25.7160, 0.3132, 0.4130



11.3645, 0.2983, 0.3312



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.



26.4834, 0.2737, 0.3360



46.3957, 0.2664, 0.3377



21.3540, 0.2669, 0.2960



6.5534, 0.3001, 0.3310



19.5835, 0.2322, 0.3559



0.2418, 0.2281, 0.3413

Inverse Universe

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



17.3852, 0.3718, 0.3223



27.4841, 0.3904, 0.3208



21.3165, 0.3689, 0.3598



5.8233, 0.3269, 0.3271



5.4048, 0.6268, 0.3227



0.0678, 0.5703, 0.2915

Previews

White Background



This preview shows how the Yxy color 26.4823, 0.2737, 0.3360 looks on a white background.

Color Contrast Check

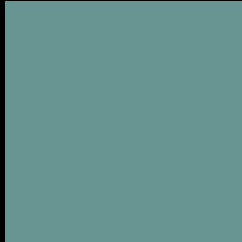
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4823, 0.2737, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

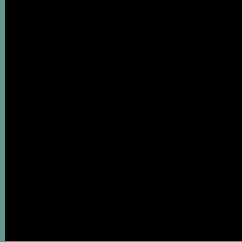
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4823, 0.2737, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 26.4823, 0.2737, 0.3360.



This preview shows how white text looks on a background with the Yxy color 26.4823, 0.2737, 0.3360.

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

26.4823, 0.2737, 0.3360

Protanopia

26.1690, 0.3171, 0.3290

Deuteranopia

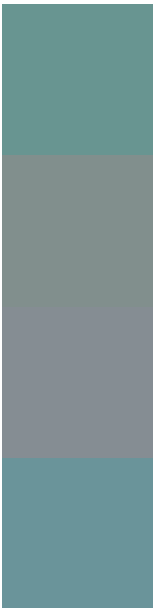
26.2305, 0.3158, 0.3099



Tritanopia

26.4964, 0.2647, 0.3082

Trichromacy



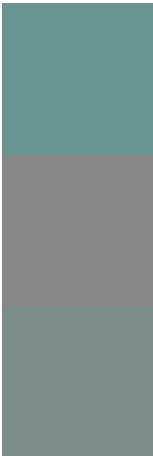
Original Color
26.4823, 0.2737, 0.3360

Protanomaly
26.2351, 0.3000, 0.3324

Deuteranomaly
26.1429, 0.2985, 0.3189

Tritanomaly
26.5771, 0.2680, 0.3184

Monochromacy



Original Color
26.4823, 0.2737, 0.3360

Achromatopsia
24.2281, 0.3127, 0.3290

Achromatomaly
24.9053, 0.2968, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4823, 0.2737, 0.3360 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(104, 149, 145)` looks like.

```
.text, #text, p{  
    color:rgb(104, 149, 145)  
}
```

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(104, 149, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 149, 145) }
```

Border

The CSS property to change the border of an element to Yxy 26.4823, 0.2737, 0.3360 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(104, 149, 145) }
```

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

```
.border{ border-color:rgb(104, 149, 145) }
```

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

Here you see how a box with a 4 pixel rgb(104, 149, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 149, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 149, 145);  
box-shadow:4px 4px 4px 4px rgb(104, 149,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4823, 0.2737, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 149, 145) }
```

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

```
.background{ background-color: rgb(104,  
149, 145) }
```

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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