

Converting Colors

$Y_{xy}(26.6440, 0.3245, 0.4314)$

Have a look what the booklet for
Yxy(26.6440, 0.3245, 0.4314)
contains.

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Color

Yxy(26.8117, 0.3243, 0.4315)

Conversions

Conversions Part 1

Format	Color
Hex	719860
RGB	113, 152, 96
RGB Percent	44%, 60%, 38%
CMY	0.5568, 0.4039, 0.6236
CMYK	0.26, 0.00, 0.37, 0.40
HSL	102°, 23%, 49%
HSV	102°, 37%, 60%
XYZ	20.1507, 26.8117, 15.1736
YIQ	133.9550, -5.2680, -25.6840

Conversions

Conversions Part 2

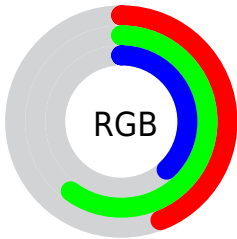
Format	Color
R_{YB}	96, 152, 135
Decimal	7444576
CIE _{Lab}	58.80, -24.27, 25.27
CIE _{LCh}	59, 35.042, 133.841
Yxy	26.8117, 0.3243, 0.4315
Android (android.graphics.Color)	4285634656 (0xFF719860)
YUV	133.9550, -18.7118, -18.3775
Hunter-Lab	51.7800, -21.1499, 18.8717

Details

The Yxy color **26.8117, 0.3243, 0.4315** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.7759, 0.2946, 0.2344**, and the grayscale version is **23.8955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3562, 0.3232, 0.4079**, and **10.5859, 0.3239, 0.4724** is the 20% darker color. If you saturate the color by 10%, you get **25.8983, 0.3261, 0.4632**, and if you desaturate by 10%, it is **27.8634, 0.3217, 0.4008**.

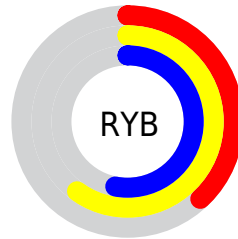
Distribution



Red (44%)

Green (60%)

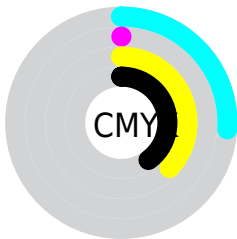
Blue (38%)



Red (38%)

Yellow (60%)

Blue (53%)

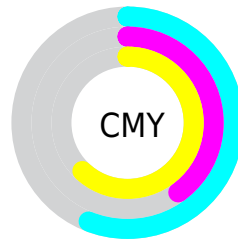


Cyan (26%)

Magenta (0%)

Yellow (37%)

Black (40%)



Cyan (56%)


Magenta (40%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8117, 0.3243, 0.4315 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 26.8117, 0.3243, 0.4315 by changing the saturation by 10% instead.


 26.8117, 0.3243,
0.4315


 26.8117, 0.3243,
0.4315


286.7442, 0.3196,
0.3732


 17.4319, 0.3248,
0.4488


 54.5816, 0.3230,
0.4084

 10.5429, 0.3247,
0.4729

 73.7404, 0.3224,
0.4003

 5.7604, 0.3230,
0.5084

 96.9276, 0.3218,
0.3937

 2.6999, 0.3208,
0.5732

 124.5277, 0.3212,
0.3882

 0.9772, 0.2544,
0.7456

156.9250, 0.3208,
0.3836

 0.0000, 0.0000,
0.0000

194.5039, 0.3203,

0.3796

237.6489, 0.3199,
0.3762

■ 26.8117, 0.3243,
0.4315

■ 26.8117, 0.3243,
0.4315

■ 25.8983, 0.3261,
0.4632

■ 27.8634, 0.3217,
0.4008

■ 25.1136, 0.3269,
0.4946

■ 29.0553, 0.3186,
0.3720

■ 24.4525, 0.3264,
0.5240

■ 30.3939, 0.3151,
0.3456

■ 23.9080, 0.3245,
0.5497


■ 31.8840, 0.3116,
0.3218


■ 23.4721, 0.3211,
0.5698


■ 33.5305, 0.3081,
0.3005

 23.1342, 0.3167,
0.5838

 35.3377, 0.3046,
0.2816

 23.0431, 0.3154,
0.5878

 37.3101, 0.3014,
0.2649

 39.4516, 0.2983,
0.2503

 41.7664, 0.2953,
0.2373

Harmonies

Analogous

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



26.8117, 0.3798, 0.4324



26.8117, 0.3243, 0.4315



26.8117, 0.2685, 0.3933

Triad

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



26.8117, 0.3243, 0.4315



26.8117, 0.2140, 0.2469



26.8117, 0.4046, 0.3150

Complementary

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



26.8117, 0.3243, 0.4315



15.7759, 0.2946, 0.2344

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.



26.8117, 0.3522, 0.2751



26.8117, 0.3243, 0.4315



26.8117, 0.2430, 0.2367

Square

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



26.8117, 0.3243, 0.4315



26.8117, 0.2084, 0.2801



26.8117, 0.2922, 0.2473



26.8117, 0.4296, 0.3604

Rectangle

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



26.8117, 0.3243, 0.4315



26.8117, 0.2386, 0.3542



26.8117, 0.2922, 0.2473



26.8117, 0.3893, 0.3008

Sweetspot

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



26.8129, 0.3243, 0.4315



52.5861, 0.3166, 0.3568



24.6417, 0.3759, 0.3922



11.8860, 0.3171, 0.3601



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.



26.8129, 0.3243, 0.4315



46.0171, 0.3258, 0.4568



25.9880, 0.2992, 0.4166



7.0122, 0.3160, 0.3517



19.3358, 0.3159, 0.5874



0.3065, 0.3473, 0.5624

Inverse Universe

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



15.7759, 0.2946, 0.2344



23.6973, 0.2893, 0.2132



16.9820, 0.3303, 0.2551



6.2293, 0.3092, 0.3067



4.4743, 0.2468, 0.1133



0.0857, 0.2814, 0.1324

Previews

White Background



This preview shows how the Yxy color 26.8117, 0.3243, 0.4315 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 26.8117, 0.3243, 0.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

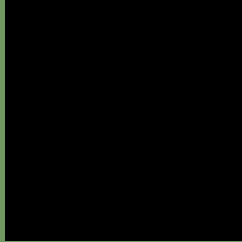
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8117, 0.3243, 0.4315

Background



This preview shows how black text looks on a background with the Yxy color 26.8117, 0.3243, 0.4315.



This preview shows how white text looks on a background with the Yxy color 26.8117, 0.3243, 0.4315.

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

26.8117, 0.3243, 0.4315

Protanopia

26.5948, 0.3775, 0.4082

Deuteranopia

26.5729, 0.3904, 0.3827



Tritanopia

26.8621, 0.2808, 0.3105

Trichromacy



Original Color

26.8117, 0.3243, 0.4315

Protanomaly

26.4444, 0.3568, 0.4178

Deuteranomaly

26.2465, 0.3644, 0.3986

Tritanomaly

26.8230, 0.2966, 0.3535

Monochromacy



Original Color

26.8117, 0.3243, 0.4315

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.8414, 0.3174, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8117, 0.3243, 0.4315 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 $rgb(113, 152, 96)$ looks like.

```
.text, #text, p{  
    color:rgb(113, 152, 96)  
}
```

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(113, 152, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 152, 96) }
```

Border

The CSS property to change the border of an element to Yxy 26.8117, 0.3243, 0.4315 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(113, 152, 96) }
```

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

```
.border{ border-color:rgb(113, 152, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 152, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 152, 96); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 152, 96); box-shadow:4px 4px 4px 4px rgb(113, 152, 96) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8117, 0.3243, 0.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 152, 96) }
```

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

```
.background{ background-color: rgb(113,  
152, 96) }
```

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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