

Converting Colors

$Y_{xy}(26.0757, 0.3965, 0.3141)$

Have a look what the booklet for
Yxy(26.0757, 0.3965, 0.3141)
contains.

Yxy(26.1439, 0.3961, 0.3143)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.1439, 0.3961, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	C37681
RGB	195, 118, 129
RGB Percent	76%, 46%, 51%
CMY	0.2353, 0.5372, 0.4940
CMYK	0.00, 0.39, 0.34, 0.24
HSL	351°, 39%, 61%
HSV	351°, 39%, 76%
XYZ	32.9481, 26.1439, 24.0893
YIQ	142.2770, 42.3610, 19.7450

Conversions

Conversions Part 2

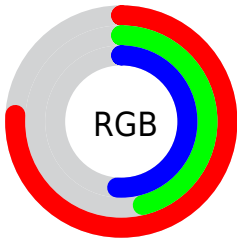
Format	Color
R_{YB}	195, 118, 129
Decimal	12809857
CIE _{Lab}	58.17, 31.52, 6.92
CIE _{LCh}	58, 32.276, 12.385
Yxy	26.1439, 0.3961, 0.3143
Android (android.graphics.Color)	4290999937 (0xFFC37681)
YUV	142.2770, -6.5456, 46.2381
Hunter-Lab	51.1311, 25.5433, 7.8586

Details

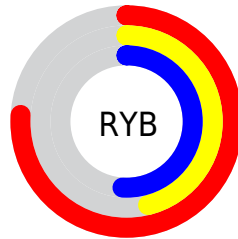
The Yxy color **26.1439, 0.3961, 0.3143** is a light color, and the websafe version is hex **996666**. A complement of this color would be **46.3413, 0.2652, 0.3449**, and the grayscale version is **27.1808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3859, 0.3778, 0.3176**, and **10.2024, 0.4269, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **21.6087, 0.4297, 0.3109**, and if you desaturate by 10%, it is **31.7036, 0.3681, 0.3181**.

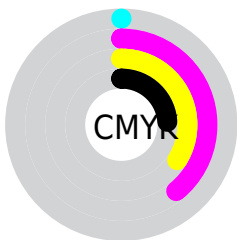
Distribution



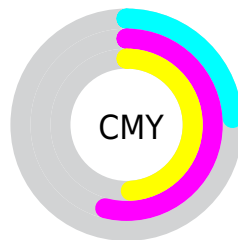
- Red (76%)
- Green (46%)
- Blue (51%)



- Red (76%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (39%)
- Yellow (34%)
- Black (24%)





- Cyan (24%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1439, 0.3961, 0.3143 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 26.1439, 0.3961, 0.3143 by changing the saturation by 10% instead.


 26.1439, 0.3961,
0.3143


 26.1439, 0.3961,
0.3143


283.4878, 0.3501,
0.3232

 16.9313, 0.4092,
0.3114


 53.5070, 0.3782,
0.3180

 10.1855, 0.4271,
0.3073


 72.4263, 0.3719,
0.3192

 5.5221, 0.4529,
0.3009

 95.3500, 0.3667,
0.3202

 2.5568, 0.4931,
0.2899

122.6624, 0.3623,
0.3210

 0.9050, 0.5748,
0.2736

154.7481, 0.3585,
0.3217

 0.0000, 1.0000,
0.0000

191.9912, 0.3553,

 0.0000, 0.0000,

0.3223

0.0000

234.7763, 0.3525,
0.3228

■ 26.1439, 0.3961,
0.3143

■ 26.1439, 0.3961,
0.3143

■ 21.6087, 0.4297,
0.3109

■ 31.7036, 0.3681,
0.3181

■ 18.0318, 0.4688,
0.3086

■ 38.3411, 0.3453,
0.3220

■ 15.3451, 0.5116,
0.3078


■ 46.1107, 0.3269,
0.3257


■ 13.4698, 0.5546,
0.3095


■ 55.0618, 0.3120,
0.3292

■ 12.3136, 0.5924,
0.3138

■ 65.2409, 0.3000,
0.3324

 11.7115, 0.6202,
0.3195

 76.6920, 0.2903,
0.3353

 11.6856, 0.6214,
0.3197

 89.4570, 0.2824,
0.3380

 90.3421, 0.2778,
0.3289

Harmonies

Analogous

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



26.1439, 0.3468, 0.2770



26.1439, 0.3961, 0.3143



26.1439, 0.4209, 0.3569

Triad

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



26.1439, 0.3961, 0.3143



26.1439, 0.3266, 0.4245



26.1439, 0.2195, 0.2535

Complementary

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



26.1439, 0.3961, 0.3143



46.3413, 0.2652, 0.3449

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.



26.1439, 0.2154, 0.2859



26.1439, 0.3961, 0.3143



26.1439, 0.2741, 0.3907

Square

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



26.1439, 0.3961, 0.3143



26.1439, 0.3778, 0.4245



26.1439, 0.2343, 0.3365



26.1439, 0.2459, 0.2426

Rectangle

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



26.1439, 0.3961, 0.3143



26.1439, 0.4194, 0.3846



26.1439, 0.2343, 0.3365



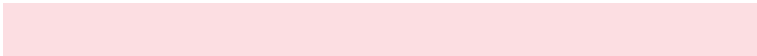
26.1439, 0.2156, 0.2619

Sweetspot

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



26.1452, 0.3961, 0.3143



78.6233, 0.3315, 0.3247



27.0200, 0.3050, 0.2291



16.8015, 0.3339, 0.3242



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.1452, 0.3961, 0.3143



40.0018, 0.4234, 0.3115



33.1460, 0.3958, 0.3655



10.1009, 0.3267, 0.3257



7.6027, 0.6189, 0.3183



0.3362, 0.5669, 0.2896

Inverse Universe

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



26.1452, 0.3961, 0.3143



40.0018, 0.4234, 0.3115



35.8157, 0.2526, 0.2887



10.1009, 0.3267, 0.3257



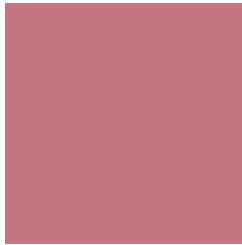
7.6027, 0.6189, 0.3183



0.3362, 0.5669, 0.2896

Previews

White Background



This preview shows how the Yxy color 26.1439, 0.3961, 0.3143 looks on a white background.

Color Contrast Check

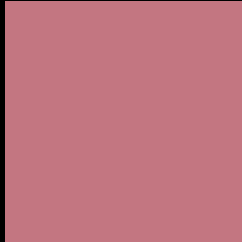
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1439, 0.3961, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

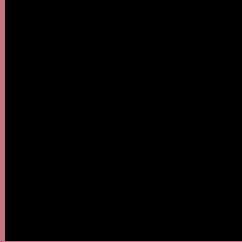
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1439, 0.3961, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 26.1439, 0.3961, 0.3143.



This preview shows how white text looks on a background with the Yxy color 26.1439, 0.3961, 0.3143.

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

26.1439, 0.3961, 0.3143

Protanopia

26.4300, 0.3139, 0.3274

Deuteranopia

26.2052, 0.3502, 0.3434



Tritanopia

26.0913, 0.3988, 0.3171

Trichromacy



Original Color

26.1439, 0.3961, 0.3143

Protanomaly

25.8857, 0.3409, 0.3213

Deuteranomaly

26.0035, 0.3665, 0.3322

Tritanomaly

26.1175, 0.3975, 0.3157

Monochromacy



Original Color

26.1439, 0.3961, 0.3143

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.1583, 0.3407, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1439, 0.3961, 0.3143 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(195, 118, 129)` looks like.

```
.text, #text, p{  
    color:rgb(195, 118, 129)  
}
```

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(195, 118, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 118, 129) }
```

Border

The CSS property to change the border of an element to Yxy 26.1439, 0.3961, 0.3143 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(195, 118, 129) }
```

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

```
.border{ border-color:rgb(195, 118, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 118, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 118, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 118, 129);  
box-shadow:4px 4px 4px 4px rgb(195, 118,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1439, 0.3961, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 118, 129) }
```

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

```
.background{ background-color: rgb(195,  
118, 129) }
```

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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