

Converting Colors

$Y_{xy}(26.7130, 0.4035, 0.3145)$

Have a look what the booklet for
Yxy(26.7130, 0.4035, 0.3145)
contains.

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Color

Yxy(26.5869, 0.4025, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	C87581
RGB	200, 117, 129
RGB Percent	78%, 46%, 51%
CMY	0.2156, 0.5412, 0.4941
CMYK	0.00, 0.42, 0.36, 0.22
HSL	351°, 43%, 62%
HSV	351°, 42%, 78%
XYZ	34.1456, 26.5869, 24.1013
YIQ	143.1850, 45.6160, 21.3280

Conversions

Conversions Part 2

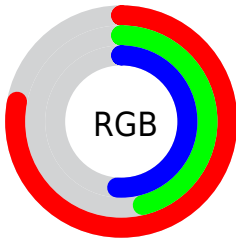
Format	Color
R_{YB}	200, 117, 129
Decimal	13137281
CIE _{Lab}	58.59, 33.93, 7.62
CIE _{LCh}	59, 34.779, 12.657
Yxy	26.5869, 0.4025, 0.3134
Android (android.graphics.Color)	4291327361 (0xFFC87581)
YUV	143.1850, -6.9932, 49.8268
Hunter-Lab	51.5625, 27.9715, 8.3805

Details

The Yxy color **26.5869, 0.4025, 0.3134** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **48.7272, 0.2632, 0.3460**, and the grayscale version is **27.5613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3868, 0.3799, 0.3166**, and **10.4331, 0.4343, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **21.9973, 0.4373, 0.3102**, and if you desaturate by 10%, it is **32.2510, 0.3734, 0.3172**.

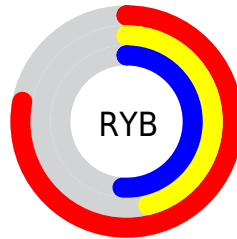
Distribution



Red (78%)

Green (46%)

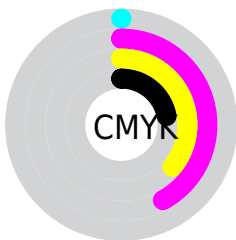
Blue (51%)



Red (78%)

Yellow (46%)

Blue (51%)

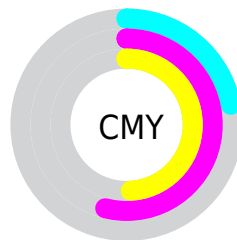


Cyan (0%)

Magenta (42%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (54%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5869, 0.4025, 0.3134 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 26.5869, 0.4025, 0.3134 by changing the saturation by 10% instead.

 26.5869, 0.4025,
0.3134

 26.5869, 0.4025,
0.3134


285.6514, 0.3531,
0.3229


 17.2632, 0.4165,
0.3103


 54.2203, 0.3834,
0.3173

 10.4223, 0.4356,
0.3059


 73.2987, 0.3765,
0.3187

 5.6799, 0.4629,
0.2990

 96.3976, 0.3709,
0.3197

 2.6514, 0.5052,
0.2873

123.9012, 0.3662,
0.3206

 0.9526, 0.5887,
0.2692

156.1940, 0.3622,
0.3213

 0.0000, 1.0000,
0.0000

193.6604, 0.3587,

 0.0000, 0.0000,

0.3219

0.0000

236.6847, 0.3557,
0.3224

■ 26.5869, 0.4025,
0.3134

■ 26.5869, 0.4025,
0.3134

■ 21.9973, 0.4373,
0.3102

■ 32.2510, 0.3734,
0.3172

■ 18.4105, 0.4774,
0.3080

■ 39.0474, 0.3496,
0.3211

■ 15.7521, 0.5207,
0.3078


■ 47.0348, 0.3303,
0.3249


■ 13.9360, 0.5630,
0.3100


■ 56.2663, 0.3148,
0.3285


■ 12.8595, 0.5990,
0.3148

■ 66.7920, 0.3022,
0.3318

 12.3694, 0.6214,
0.3197

 78.6593, 0.2921,
0.3348

 90.6260, 0.2837,
0.3355

 91.0210, 0.2805,
0.3289

Harmonies

Analogous

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



26.5869, 0.3497, 0.2740



26.5869, 0.4025, 0.3134



26.5869, 0.4288, 0.3585

Triad

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



26.5869, 0.4025, 0.3134



26.5869, 0.3266, 0.4317



26.5869, 0.2138, 0.2481

Complementary

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



26.5869, 0.4025, 0.3134



48.7272, 0.2632, 0.3460

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.



26.5869, 0.2091, 0.2821



26.5869, 0.4025, 0.3134



26.5869, 0.2707, 0.3950

Square

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



26.5869, 0.4025, 0.3134



26.5869, 0.3814, 0.4313



26.5869, 0.2287, 0.3362



26.5869, 0.2418, 0.2371

Rectangle

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



26.5869, 0.4025, 0.3134



26.5869, 0.4266, 0.3881



26.5869, 0.2287, 0.3362



26.5869, 0.2095, 0.2569

Sweetspot

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



26.5882, 0.4025, 0.3134



80.4339, 0.3315, 0.3247



27.5284, 0.3044, 0.2239



16.8020, 0.3338, 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.



26.5882, 0.4025, 0.3134



38.6416, 0.4344, 0.3104



34.1395, 0.4017, 0.3674



10.6615, 0.3267, 0.3257



7.8719, 0.6188, 0.3183



0.3810, 0.5695, 0.2911

Inverse Universe

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



26.5882, 0.4025, 0.3134



38.6416, 0.4344, 0.3104



37.0622, 0.2496, 0.2862



10.6615, 0.3267, 0.3257



7.8719, 0.6188, 0.3183



0.3810, 0.5695, 0.2911

Previews

White Background



This preview shows how the Yxy color 26.5869, 0.4025, 0.3134 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 26.5869, 0.4025, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

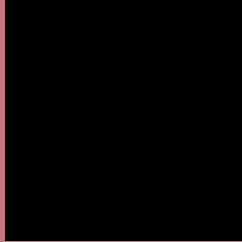
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5869, 0.4025, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 26.5869, 0.4025, 0.3134.



This preview shows how white text looks on a background with the Yxy color 26.5869, 0.4025, 0.3134.

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

26.5869, 0.4025, 0.3134

Protanopia

26.9320, 0.3149, 0.3274

Deuteranopia

26.6917, 0.3522, 0.3448



Tritanopia

26.5083, 0.4064, 0.3174

Trichromacy



Original Color

26.5869, 0.4025, 0.3134

Protanomaly

26.2012, 0.3444, 0.3214

Deuteranomaly

26.3468, 0.3701, 0.3321

Tritanomaly

26.5342, 0.4051, 0.3161

Monochromacy



Original Color

26.5869, 0.4025, 0.3134

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7777, 0.3428, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5869, 0.4025, 0.3134 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(200, 117, 129)` looks like.

```
.text, #text, p{  
    color:rgb(200, 117, 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(200, 117, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 117, 129) }
```

Border

The CSS property to change the border of an element to Yxy 26.5869, 0.4025, 0.3134 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(200, 117, 129) }
```

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

```
.border{ border-color:rgb(200, 117, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 117, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 117, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 117, 129);  
box-shadow:4px 4px 4px 4px rgb(200, 117,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5869, 0.4025, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 117, 129) }
```

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

```
.background{ background-color: rgb(200,  
117, 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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