

Converting Colors

$Y_{xy}(26.7361, 0.3952, 0.2970)$

Have a look what the booklet for
Yxy(26.7361, 0.3952, 0.2970)
contains.

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Color

Yxy(26.7361, 0.3952, 0.2970)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CC728B |
| RGB | 204, 114, 139 |
| RGB Percent | 80%, 45%, 55% |
| CMY | 0.2001, 0.5529, 0.4549 |
| CMYK | 0.00, 0.44, 0.32, 0.20 |
| HSL | 343°, 47%, 62% |
| HSV | 343°, 44%, 80% |
| XYZ | 35.5761, 26.7361, 27.7083 |
| YIQ | 143.7600, 45.6150, 26.8550 |

Conversions

Conversions Part 2

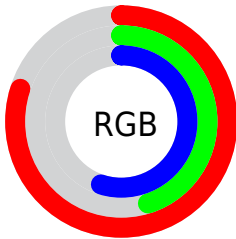
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 204, 114, 139 |
| Decimal | 13398667 |
| CIE _{Lab} | 58.73, 38.23, 2.10 |
| CIE _{LCh} | 59, 38.287, 3.150 |
| Yxy | 26.7361, 0.3952, 0.2970 |
| Android (android.graphics.Color) | 4291588747 (0xFFCC728B) |
| YUV | 143.7600, -2.3467, 52.8305 |
| Hunter-Lab | 51.7070, 32.3268, 4.4230 |

Details

The Yxy color **26.7361, 0.3952, 0.2970** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.0129, 0.2675, 0.3649**, and the grayscale version is **27.7854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0710, 0.3710, 0.3041**, and **10.4793, 0.4249, 0.2852** is the 20% darker color. If you saturate the color by 10%, you get **22.2346, 0.4252, 0.2907**, and if you desaturate by 10%, it is **32.3244, 0.3698, 0.3043**.

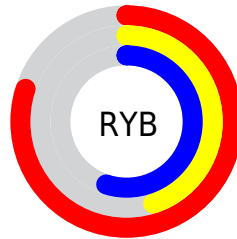
Distribution



Red (80%)

Green (45%)

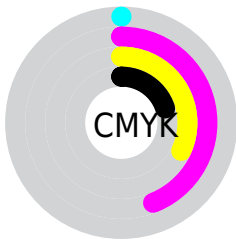
Blue (55%)



Red (80%)

Yellow (45%)

Blue (55%)

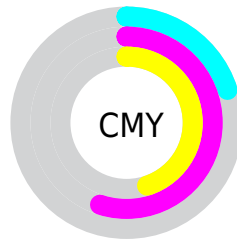


Cyan (0%)

Magenta (44%)

Yellow (32%)

Black (20%)



Cyan (20%)


Magenta (55%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7361, 0.3952, 0.2970 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 26.7361, 0.3952, 0.2970 by changing the saturation by 10% instead.


 26.7361, 0.3952,
0.2970


 26.7361, 0.3952,
0.2970


286.3771, 0.3501,
0.3147

 17.3751, 0.4079,
0.2919


 54.4601, 0.3778,
0.3039

 10.5023, 0.4250,
0.2850


 73.5919, 0.3716,
0.3064

 5.7333, 0.4496,
0.2749

 96.7495, 0.3665,
0.3084

 2.6836, 0.4874,
0.2592

124.3172, 0.3621,
0.3101

 0.9689, 0.5520,
0.2316

156.6794, 0.3585,
0.3115

 0.0000, 1.0000,
0.0000

194.2205, 0.3553,

 0.0000, 0.0000,

0.3127

0.0000

237.3249, 0.3525,
0.3138

■ 26.7361, 0.3952,
0.2970

■ 26.7361, 0.3952,
0.2970

■ 22.2346, 0.4252,
0.2907

■ 32.3244, 0.3698,
0.3043

■ 18.7446, 0.4595,
0.2863

■ 39.0603, 0.3488,
0.3118

■ 16.1876, 0.4966,
0.2849

■ 47.0050, 0.3317,
0.3192


■ 14.4712, 0.5341,
0.2876

■ 56.2138, 0.3177,
0.3263


■ 13.4843, 0.5680,
0.2947

■ 66.7391, 0.3063,
0.3328

 13.1272, 0.5856,
0.3000

 78.6298, 0.2970,
0.3388

 90.7749, 0.2894,
0.3424

 91.5755, 0.2827,
0.3289

Harmonies

Analogous

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



26.7361, 0.3319, 0.2581



26.7361, 0.3952, 0.2970



26.7361, 0.4352, 0.3445

Triad

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



26.7361, 0.3952, 0.2970



26.7361, 0.3471, 0.4467



26.7361, 0.2009, 0.2494

Complementary

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



26.7361, 0.3952, 0.2970



50.0129, 0.2675, 0.3649

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.



26.7361, 0.2038, 0.2937



26.7361, 0.3952, 0.2970



26.7361, 0.2846, 0.4192

Square

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



26.7361, 0.3952, 0.2970



26.7361, 0.4033, 0.4328



26.7361, 0.2329, 0.3580



26.7361, 0.2232, 0.2302

Rectangle

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



26.7361, 0.3952, 0.2970



26.7361, 0.4408, 0.3773



26.7361, 0.2329, 0.3580



26.7361, 0.1990, 0.2614

Sweetspot

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



26.7374, 0.3952, 0.2970



79.1954, 0.3302, 0.3199



25.9207, 0.2911, 0.2132



16.2737, 0.3337, 0.3183



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.



26.7374, 0.3952, 0.2970



37.1038, 0.4238, 0.2909



30.9655, 0.4167, 0.3545



11.2640, 0.3247, 0.3226



8.2774, 0.5820, 0.2980



0.4401, 0.5249, 0.2665

Inverse Universe

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



26.7374, 0.3952, 0.2970



37.1038, 0.4238, 0.2909



42.4235, 0.2489, 0.3010



11.2640, 0.3247, 0.3226



8.2774, 0.5820, 0.2980



0.4401, 0.5249, 0.2665

Previews

White Background



This preview shows how the Yxy color 26.7361, 0.3952, 0.2970 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 26.7361, 0.3952, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

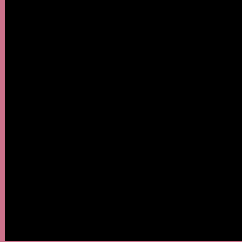
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7361, 0.3952, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 26.7361, 0.3952, 0.2970.



This preview shows how white text looks on a background with the Yxy color 26.7361, 0.3952, 0.2970.

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

26.7361, 0.3952, 0.2970

Protanopia

26.9918, 0.2981, 0.3064

Deuteranopia

26.9097, 0.3385, 0.3322



Tritanopia

26.6680, 0.4118, 0.3176

Trichromacy



Original Color

26.7361, 0.3952, 0.2970

Protanomaly

26.1891, 0.3300, 0.3017

Deuteranomaly

26.5920, 0.3593, 0.3188

Tritanomaly

26.5697, 0.4056, 0.3098

Monochromacy



Original Color

26.7361, 0.3952, 0.2970

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8350, 0.3408, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7361, 0.3952, 0.2970 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(204, 114, 139)` looks like.

```
.text, #text, p{  
    color:rgb(204, 114, 139)  
}
```

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(204, 114, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 114, 139) }
```

Border

The CSS property to change the border of an element to Yxy 26.7361, 0.3952, 0.2970 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(204, 114, 139) }
```

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

```
.border{ border-color:rgb(204, 114, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 114, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 114, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 114, 139);  
box-shadow:4px 4px 4px 4px rgb(204, 114,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7361, 0.3952, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 114, 139) }
```

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

```
.background{ background-color: rgb(204,  
114, 139) }
```

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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