

Converting Colors

$Y_{xy}(26.1427, 0.3544, 0.2651)$

Have a look what the booklet for
Yxy(26.1427, 0.3544, 0.2651)
contains.

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Color

Yxy(26.2454, 0.3551, 0.2659)

Conversions

Conversions Part 1

Format	Color
Hex	C372A2
RGB	195, 114, 162
RGB Percent	76%, 45%, 64%
CMY	0.2352, 0.5530, 0.3646
CMYK	0.00, 0.42, 0.17, 0.24
HSL	324°, 40%, 61%
HSV	324°, 42%, 76%
XYZ	35.0498, 26.2454, 37.4088
YIQ	143.6910, 32.8680, 32.1000

Conversions

Conversions Part 2

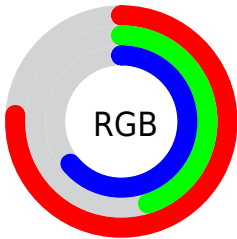
Format	Color
R _Y B	195, 114, 162
Decimal	12808866
CIE Lab	58.27, 38.43, -12.03
CIE LCh	58, 40.264, 342.620
Yxy	26.2454, 0.3551, 0.2659
Android (android.graphics.Color)	4290998946 (0xFFC372A2)
YUV	143.6910, 9.0263, 44.9980
Hunter-Lab	51.2303, 32.4699, -7.4329

Details

The Yxy color **26.2454, 0.3551, 0.2659** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.7230, 0.2858, 0.4029**, and the grayscale version is **27.7129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5298, 0.3467, 0.2776**, and **10.2563, 0.3705, 0.2466** is the 20% darker color. If you saturate the color by 10%, you get **22.0330, 0.3699, 0.2516**, and if you desaturate by 10%, it is **31.4159, 0.3422, 0.2813**.

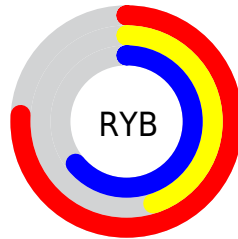
Distribution



Red (76%)

Green (45%)

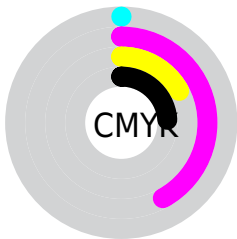
Blue (64%)



Red (76%)

Yellow (45%)

Blue (64%)

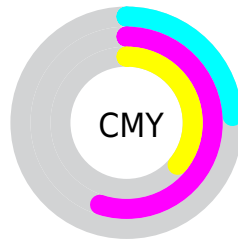


Cyan (0%)

Magenta (42%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (55%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2454, 0.3551, 0.2659 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 26.2454, 0.3551, 0.2659 by changing the saturation by 10% instead.


 26.2454, 0.3551,
0.2659


 26.2454, 0.3551,
0.2659


283.9847, 0.3327,
0.2988


 17.0073, 0.3611,
0.2573


 53.6706, 0.3467,
0.2781

 10.2397, 0.3690,
0.2460


 72.6265, 0.3436,
0.2826

 5.5582, 0.3800,
0.2306


 95.5904, 0.3410,
0.2864

 2.5783, 0.3962,
0.2083

122.9468, 0.3389,
0.2896

 0.9158, 0.4223,
0.1738

155.0800, 0.3370,
0.2924

 0.0000, 0.5446,
0.0000

192.3744, 0.3354,

 0.0000, 0.0000,

0.2948

0.0000

235.2145, 0.3340,
0.2969

■ 26.2454, 0.3551,
0.2659

■ 26.2454, 0.3551,
0.2659

■ 22.0330, 0.3699,
0.2516

■ 31.4159, 0.3422,
0.2813

■ 18.7146, 0.3865,
0.2393

■ 37.5961, 0.3311,
0.2969

■ 16.2240, 0.4044,
0.2302

■ 44.8381, 0.3217,
0.3122

■ 14.4839, 0.4232,
0.2255

■ 53.1893, 0.3138,
0.3268

■ 13.4025, 0.4420,
0.2258

■ 62.6944, 0.3072,
0.3406

■ 12.8564, 0.4577,
0.2295

■ 73.3955, 0.3018,
0.3534

■ 85.3327, 0.2973,
0.3652

■ 88.5920, 0.2931,
0.3609

■ 89.0371, 0.2889,
0.3521

Harmonies

Analogous

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



26.2454, 0.2859, 0.2354



26.2454, 0.3551, 0.2659



26.2454, 0.4172, 0.3101

Triad

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



26.2454, 0.3551, 0.2659



26.2454, 0.3908, 0.4471



26.2454, 0.1944, 0.2737

Complementary

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



26.2454, 0.3551, 0.2659



44.7230, 0.2858, 0.4029

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.



26.2454, 0.2160, 0.3366



26.2454, 0.3551, 0.2659



26.2454, 0.3275, 0.4500

Square

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



26.2454, 0.3551, 0.2659



26.2454, 0.4360, 0.4107



26.2454, 0.2635, 0.4069



26.2454, 0.1998, 0.2359

Rectangle

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



26.2454, 0.3551, 0.2659



26.2454, 0.4419, 0.3437



26.2454, 0.2635, 0.4069



26.2454, 0.1986, 0.2923

Sweetspot

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



26.2466, 0.3551, 0.2659



79.4029, 0.3222, 0.3112



22.1215, 0.2663, 0.2120



16.9886, 0.3234, 0.3092



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.



26.2466, 0.3551, 0.2659



39.9778, 0.3687, 0.2526



25.0448, 0.4073, 0.3183



10.1758, 0.3198, 0.3154



8.3709, 0.4553, 0.2282



0.3751, 0.4176, 0.2074

Inverse Universe

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



26.2466, 0.3551, 0.2659



39.9778, 0.3687, 0.2526



46.2010, 0.2611, 0.3406



10.1758, 0.3198, 0.3154



8.3709, 0.4553, 0.2282



0.3751, 0.4176, 0.2074

Previews

White Background



This preview shows how the Yxy color 26.2454, 0.3551, 0.2659 looks on a white background.

Color Contrast Check

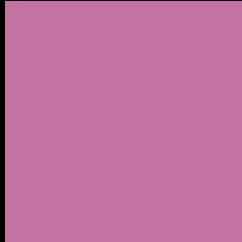
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2454, 0.3551, 0.2659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

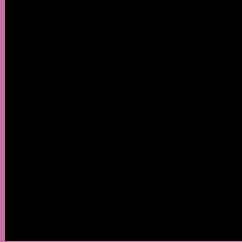
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2454, 0.3551, 0.2659

Background



This preview shows how black text looks on a background with the Yxy color 26.2454, 0.3551, 0.2659.



This preview shows how white text looks on a background with the Yxy color 26.2454, 0.3551, 0.2659.

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

26.2454, 0.3551, 0.2659

Protanopia

26.4657, 0.2674, 0.2663

Deuteranopia

26.4709, 0.3014, 0.2958



Tritanopia

26.0943, 0.3905, 0.3168

Trichromacy



Original Color

26.2454, 0.3551, 0.2659

Protanomaly

25.8524, 0.2953, 0.2646

Deuteranomaly

26.0962, 0.3205, 0.2843

Tritanomaly

26.0864, 0.3770, 0.2978

Monochromacy



Original Color

26.2454, 0.3551, 0.2659

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.7960, 0.3275, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2454, 0.3551, 0.2659 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, 114, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 114, 162)  
}
```

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, 114, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 114, 162) }
```

Border

The CSS property to change the border of an element to Yxy 26.2454, 0.3551, 0.2659 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, 114, 162) }
```

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

```
.border{ border-color:rgb(195, 114, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 114, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 114, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 114, 162); box-shadow:4px 4px 4px 4px rgb(195, 114, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2454, 0.3551, 0.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 114, 162) }
```

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

```
.background{ background-color: rgb(195,  
114, 162) }
```

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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