

Converting Colors

$Y_{xy}(24.0783, 0.4234, 0.3257)$

Have a look what the booklet for
Yxy(24.0783, 0.4234, 0.3257)
contains.

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Color

Yxy(24.0799, 0.4231, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	C46E71
RGB	196, 110, 113
RGB Percent	77%, 43%, 44%
CMY	0.2314, 0.5686, 0.5568
CMYK	0.00, 0.44, 0.42, 0.23
HSL	358°, 42%, 60%
HSV	358°, 44%, 77%
XYZ	31.3194, 24.0799, 18.6244
YIQ	136.0560, 50.2930, 19.1650

Conversions

Conversions Part 2

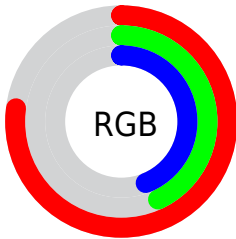
Format	Color
R_{YB}	196, 110, 113
Decimal	12873329
CIE _{Lab}	56.17, 34.28, 13.41
CIE _{LCh}	56, 36.812, 21.357
Yxy	24.0799, 0.4231, 0.3253
Android (android.graphics.Color)	4291063409 (0xFFC46E71)
YUV	136.0560, -11.3666, 52.5709
Hunter-Lab	49.0713, 28.0517, 11.8472

Details

The Yxy color **24.0799, 0.4231, 0.3253** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.6386, 0.2557, 0.3332**, and the grayscale version is **24.6734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1710, 0.3986, 0.3271**, and **9.1023, 0.4657, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **19.9263, 0.4641, 0.3247**, and if you desaturate by 10%, it is **29.2600, 0.3884, 0.3261**.

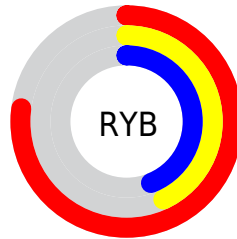
Distribution



Red (77%)

Green (43%)

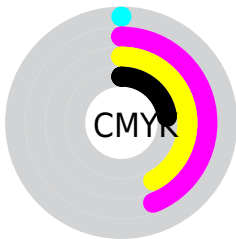
Blue (44%)



Red (77%)

Yellow (43%)

Blue (44%)

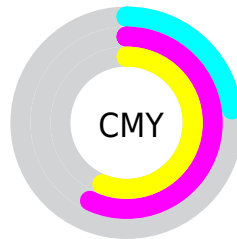


Cyan (0%)

Magenta (44%)

Yellow (42%)

Black (23%)



Cyan (23%)


Magenta (57%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0799, 0.4231, 0.3253 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 24.0799, 0.4231, 0.3253 by changing the saturation by 10% instead.


 24.0799, 0.4231,
0.3253


 24.0799, 0.4231,
0.3253


273.2242, 0.3613,
0.3293


 15.3929, 0.4410,
0.3233


 50.1606, 0.3989,
0.3274


 9.0956, 0.4654,
0.3199

 68.3230, 0.3904,
0.3280

 4.8036, 0.5008,
0.3138

 90.4127, 0.3834,
0.3284

 2.1325, 0.5557,
0.3013

 116.8141, 0.3775,
0.3287

 0.6828, 0.7091,
0.2909

147.9115, 0.3725,
0.3289

 0.0000, 1.0000,
0.0000


184.0894, 0.3683,


 0.0000, 0.0000,


0.3291


0.0000

225.7322, 0.3646,
0.3292

 24.0799, 0.4231,
0.3253

 24.0799, 0.4231,
0.3253

 19.9263, 0.4641,
0.3247

 29.2600, 0.3884,
0.3261

 16.7275, 0.5099,
0.3245


 35.5246, 0.3600,
0.3270


 14.4087, 0.5565,
0.3250


 42.9318, 0.3371,
0.3279

 12.8823, 0.5975,
0.3260

 51.5344, 0.3188,
0.3287

 12.0424, 0.6260,
0.3277

 61.3821, 0.3041,
0.3295

 11.7488, 0.6367,
0.3281

 72.5217, 0.2923,
0.3302

 84.9974, 0.2827,
0.3308

 90.4738, 0.2784,
0.3289

Harmonies

Analogous

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



24.0799, 0.3715, 0.2805



24.0799, 0.4231, 0.3253



24.0799, 0.4405, 0.3742

Triad

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



24.0799, 0.4231, 0.3253



24.0799, 0.3089, 0.4347



24.0799, 0.2118, 0.2352

Complementary

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



24.0799, 0.4231, 0.3253



46.6386, 0.2557, 0.3332

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.



24.0799, 0.1994, 0.2641



24.0799, 0.4231, 0.3253



24.0799, 0.2513, 0.3840

Square

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



24.0799, 0.4231, 0.3253



24.0799, 0.3707, 0.4451



24.0799, 0.2126, 0.3175



24.0799, 0.2486, 0.2305

Rectangle

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



24.0799, 0.4231, 0.3253



24.0799, 0.4304, 0.4051



24.0799, 0.2126, 0.3175



24.0799, 0.2049, 0.2420

Sweetspot

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



24.0811, 0.4231, 0.3253



78.7510, 0.3358, 0.3279



26.3052, 0.3130, 0.2214



16.1655, 0.3404, 0.3277



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.



24.0811, 0.4231, 0.3253



36.1266, 0.4639, 0.3247



34.2602, 0.4031, 0.3807



10.0835, 0.3284, 0.3282



7.5530, 0.6357, 0.3276



0.3284, 0.6200, 0.3189

Inverse Universe

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



24.0811, 0.4231, 0.3253



36.1266, 0.4639, 0.3247



31.5156, 0.2440, 0.2698



10.0835, 0.3284, 0.3282



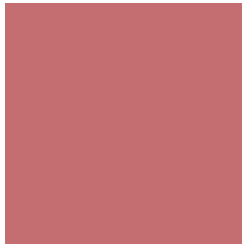
7.5530, 0.6357, 0.3276



0.3284, 0.6200, 0.3189

Previews

White Background



This preview shows how the Yxy color 24.0799, 0.4231, 0.3253 looks on a white background.

Color Contrast Check

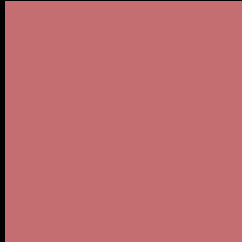
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0799, 0.4231, 0.3253 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 24.0799, 0.4231, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 24.0799, 0.4231, 0.3253.



This preview shows how white text looks on a background with the Yxy color 24.0799, 0.4231, 0.3253.

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

24.0799, 0.4231, 0.3253

Protanopia

24.4098, 0.3280, 0.3444

Deuteranopia

24.2592, 0.3682, 0.3616



Tritanopia

23.9574, 0.4182, 0.3186

Trichromacy



Original Color

24.0799, 0.4231, 0.3253

Protanomaly

23.7758, 0.3603, 0.3371

Deuteranomaly

23.9715, 0.3878, 0.3475

Tritanomaly

23.9340, 0.4196, 0.3199

Monochromacy



Original Color

24.0799, 0.4231, 0.3253

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0064, 0.3491, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0799, 0.4231, 0.3253 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(196, 110, 113)` looks like.

```
.text, #text, p{  
    color:rgb(196, 110, 113)  
}
```

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(196, 110, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 110, 113) }
```

Border

The CSS property to change the border of an element to Yxy 24.0799, 0.4231, 0.3253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

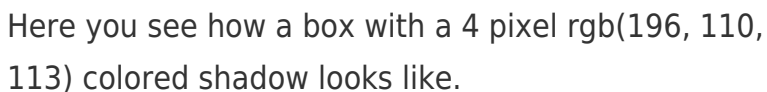
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 110, 113) }
```

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

```
.border{ border-color:rgb(196, 110, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 110, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 110, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 110, 113); box-shadow:4px 4px 4px 4px rgb(196, 110, 113) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0799, 0.4231, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 110, 113) }
```

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

```
.background{ background-color: rgb(196,  
110, 113) }
```

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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