

Converting Colors

$Y_{xy}(24.5015, 0.4259, 0.3190)$

Have a look what the booklet for
Yxy(24.5015, 0.4259, 0.3190)
contains.

Yxy(24.4036, 0.4261, 0.3189)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.4036, 0.4261, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	C96C74
RGB	201, 108, 116
RGB Percent	79%, 42%, 45%
CMY	0.2117, 0.5765, 0.5451
CMYK	0.00, 0.46, 0.42, 0.21
HSL	355°, 46%, 61%
HSV	355°, 46%, 79%
XYZ	32.6070, 24.4036, 19.5137
YIQ	136.7190, 52.8600, 22.2040

Conversions

Conversions Part 2

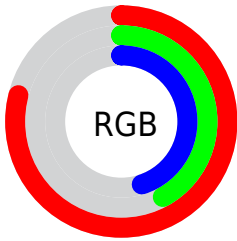
Format	Color
R_{YB}	201, 108, 116
Decimal	13200500
CIE Lab	56.49, 37.57, 12.22
CIE LCh	56, 39.504, 18.022
Yxy	24.4036, 0.4261, 0.3189
Android (android.graphics.Color)	4291390580 (0xFFC96C74)
YUV	136.7190, -10.2145, 56.3744
Hunter-Lab	49.4000, 31.3709, 11.1596

Details

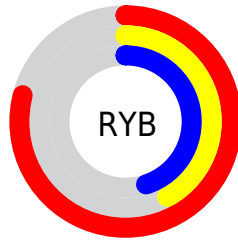
The Yxy color **24.4036, 0.4261, 0.3189** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **48.8231, 0.2558, 0.3403**, and the grayscale version is **24.9290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5769, 0.3964, 0.3219**, and **9.2729, 0.4700, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **20.2567, 0.4663, 0.3174**, and if you desaturate by 10%, it is **29.6150, 0.3918, 0.3210**.

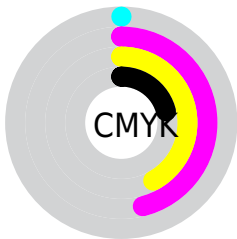
Distribution



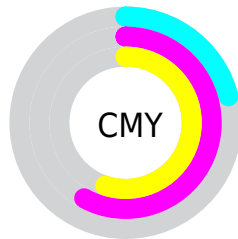
- Red (79%)
- Green (42%)
- Blue (45%)



- Red (79%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (46%)
- Yellow (42%)
- Black (21%)





- Cyan (21%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4036, 0.4261, 0.3189 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 24.4036, 0.4261, 0.3189 by changing the saturation by 10% instead.


 24.4036, 0.4261,
0.3189


 24.4036, 0.4261,
0.3189


274.8546, 0.3628,
0.3263


 15.6333, 0.4443,
0.3160


 50.6880, 0.4014,
0.3223

 9.2650, 0.4692,
0.3114


 68.9709, 0.3926,
0.3234

 4.9145, 0.5051,
0.3037

 91.1934, 0.3854,
0.3242

 2.1972, 0.5605,
0.2891

 117.7400, 0.3794,
0.3248

 0.7184, 0.7203,
0.2797

148.9950, 0.3743,
0.3253

 0.0000, 1.0000,
0.0000

185.3429, 0.3699,

 0.0000, 0.0000,

0.3257

0.0000

227.1680, 0.3661,
0.3261

■ 24.4036, 0.4261,
0.3189

■ 24.4036, 0.4261,
0.3189

■ 20.2567, 0.4663,
0.3174

■ 29.6150, 0.3918,
0.3210

■ 17.0974, 0.5109,
0.3169

■ 35.9533, 0.3636,
0.3232

■ 14.8446, 0.5561,
0.3178


■ 43.4808, 0.3407,
0.3255

■ 13.4024, 0.5957,
0.3203

■ 52.2537, 0.3224,
0.3277

■ 12.6497, 0.6238,
0.3242

■ 62.3251, 0.3076,
0.3297

 12.4623, 0.6313,
0.3251

 73.7447, 0.2957,
0.3316

 86.5598, 0.2861,
0.3333

 91.1608, 0.2811,
0.3289

Harmonies

Analogous

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



24.4036, 0.3678, 0.2728



24.4036, 0.4261, 0.3189



24.4036, 0.4491, 0.3704

Triad

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



24.4036, 0.4261, 0.3189



24.4036, 0.3154, 0.4463



24.4036, 0.2031, 0.2314

Complementary

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



24.4036, 0.4261, 0.3189



48.8231, 0.2558, 0.3403

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.



24.4036, 0.1929, 0.2646



24.4036, 0.4261, 0.3189



24.4036, 0.2530, 0.3956

Square

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



24.4036, 0.4261, 0.3189



24.4036, 0.3806, 0.4513



24.4036, 0.2096, 0.3239



24.4036, 0.2390, 0.2241

Rectangle

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



24.4036, 0.4261, 0.3189



24.4036, 0.4409, 0.4038



24.4036, 0.2096, 0.3239



24.4036, 0.1968, 0.2395

Sweetspot

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



24.4048, 0.4261, 0.3189



77.3736, 0.3366, 0.3260



26.1113, 0.3079, 0.2140



15.8987, 0.3409, 0.3255



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.



24.4048, 0.4261, 0.3189



34.3602, 0.4685, 0.3173



33.8165, 0.4128, 0.3777



10.6515, 0.3276, 0.3270



7.8395, 0.6293, 0.3241



0.3764, 0.5955, 0.3054

Inverse Universe

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



24.4048, 0.4261, 0.3189



34.3602, 0.4685, 0.3173



33.8889, 0.2415, 0.2731



10.6515, 0.3276, 0.3270



7.8395, 0.6293, 0.3241



0.3764, 0.5955, 0.3054

Previews

White Background



This preview shows how the Yxy color 24.4036, 0.4261, 0.3189 looks on a white background.

Color Contrast Check

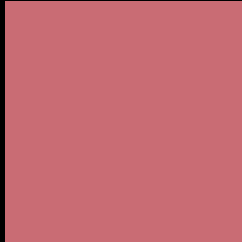
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4036, 0.4261, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

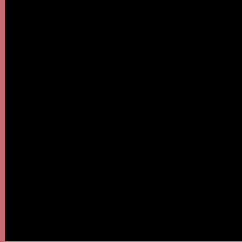
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4036, 0.4261, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 24.4036, 0.4261, 0.3189.



This preview shows how white text looks on a background with the Yxy color 24.4036, 0.4261, 0.3189.

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

24.4036, 0.4261, 0.3189

Protanopia

24.5151, 0.3236, 0.3375

Deuteranopia

24.5705, 0.3654, 0.3599



Tritanopia

24.4036, 0.4261, 0.3189

Trichromacy



Original Color

24.4036, 0.4261, 0.3189

Protanomaly

23.8293, 0.3582, 0.3291

Deuteranomaly

24.2424, 0.3877, 0.3443

Tritanomaly

24.4036, 0.4261, 0.3189

Monochromacy



Original Color

24.4036, 0.4261, 0.3189

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.9803, 0.3506, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4036, 0.4261, 0.3189 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(201, 108, 116)` looks like.

```
.text, #text, p{  
    color:rgb(201, 108, 116)  
}
```

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(201, 108, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 108, 116) }
```

Border

The CSS property to change the border of an element to Yxy 24.4036, 0.4261, 0.3189 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(201, 108, 116) }
```

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

```
.border{ border-color:rgb(201, 108, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 108, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 108, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 108, 116);  
box-shadow:4px 4px 4px 4px rgb(201, 108,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4036, 0.4261, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 108, 116) }
```

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

```
.background{ background-color: rgb(201,  
108, 116) }
```

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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