

Converting Colors

$Yxy(24.4671, 0.3931, 0.2860)$

Have a look what the booklet for
Yxy(24.4671, 0.3931, 0.2860)
contains.

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Color

Yxy(24.4515, 0.3936, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	C86A8B
RGB	200, 106, 139
RGB Percent	78%, 42%, 55%
CMY	0.2156, 0.5844, 0.4549
CMYK	0.00, 0.47, 0.31, 0.22
HSL	339°, 46%, 60%
HSV	339°, 47%, 78%
XYZ	33.6390, 24.4515, 27.3744
YIQ	137.8680, 45.4310, 30.1910

Conversions

Conversions Part 2

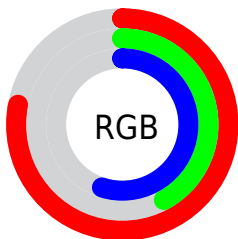
Format	Color
R _Y B	200, 106, 139
Decimal	13134475
CIE Lab	56.54, 41.02, -1.16
CIE LCh	57, 41.032, 358.373
Yxy	24.4515, 0.3936, 0.2861
Android (android.graphics.Color)	4291324555 (0xFFC86A8B)
YUV	137.8680, 0.5581, 54.4898
Hunter-Lab	49.4485, 34.8958, 1.7913

Details

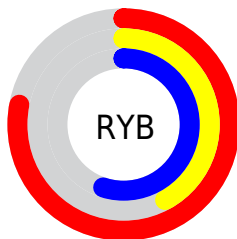
The Yxy color **24.4515, 0.3936, 0.2861** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **47.1743, 0.2694, 0.3784**, and the grayscale version is **25.3475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8620, 0.3733, 0.2947**, and **9.2933, 0.4230, 0.2712** is the 20% darker color. If you saturate the color by 10%, you get **20.4432, 0.4211, 0.2784**, and if you desaturate by 10%, it is **29.4687, 0.3700, 0.2951**.

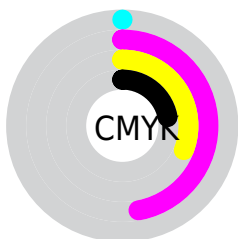
Distribution



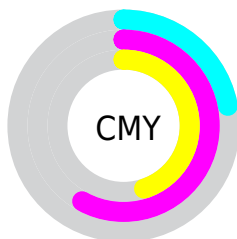
- Red (78%)
- Green (42%)
- Blue (55%)



- Red (78%)
- Yellow (42%)
- Blue (55%)



- Cyan (0%)
- Magenta (47%)
- Yellow (31%)
- Black (22%)





- Cyan (22%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4515, 0.3936, 0.2861 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 24.4515, 0.3936, 0.2861 by changing the saturation by 10% instead.


 24.4515, 0.3936,
0.2861

 24.4515, 0.3936,
0.2861


275.0952, 0.3490,
0.3096

 15.6689, 0.4063,
0.2795


 50.7660, 0.3763,
0.2952

 9.2902, 0.4236,
0.2705


 69.0666, 0.3702,
0.2984

 4.9309, 0.4485,
0.2575

 91.3088, 0.3651,
0.3011

 2.2068, 0.4874,
0.2375

 117.8768, 0.3609,
0.3034

 0.7237, 0.5573,
0.2011

149.1550, 0.3572,
0.3053

 0.0000, 1.0000,
0.0000

185.5279, 0.3541,

 0.0000, 0.0000,

0.3069

0.0000

227.3798, 0.3514,
0.3084

■ 24.4515, 0.3936,
0.2861

■ 24.4515, 0.3936,
0.2861

■ 20.4432, 0.4211,
0.2784

■ 29.4687, 0.3700,
0.2951

■ 17.3706, 0.4521,
0.2731

■ 35.5538, 0.3503,
0.3046

■ 15.1567, 0.4855,
0.2715


■ 42.7659, 0.3340,
0.3140


■ 13.7102, 0.5190,
0.2745


■ 51.1582, 0.3206,
0.3230

■ 12.9085, 0.5499,
0.2824


■ 60.7809, 0.3097,
0.3315

 12.7280, 0.5586,
0.2851

 71.6811, 0.3007,
0.3393

 83.9035, 0.2934,
0.3465

 90.2644, 0.2868,
0.3418

 91.0229, 0.2805,
0.3289

Harmonies

Analogous

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



24.4515, 0.3218, 0.2464



24.4515, 0.3936, 0.2861



24.4515, 0.4436, 0.3362

Triad

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



24.4515, 0.3936, 0.2861



24.4515, 0.3602, 0.4597



24.4515, 0.1896, 0.2471

Complementary

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



24.4515, 0.3936, 0.2861



47.1743, 0.2694, 0.3784

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.



24.4515, 0.1970, 0.2995



24.4515, 0.3936, 0.2861



24.4515, 0.2916, 0.4378

Square

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



24.4515, 0.3936, 0.2861



24.4515, 0.4194, 0.4364



24.4515, 0.2324, 0.3729



24.4515, 0.2093, 0.2227

Rectangle

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



24.4515, 0.3936, 0.2861



24.4515, 0.4541, 0.3718



24.4515, 0.2324, 0.3729



24.4515, 0.1890, 0.2614

Sweetspot

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



24.4527, 0.3936, 0.2861



77.8965, 0.3300, 0.3166



22.5348, 0.2809, 0.2028



16.0246, 0.3331, 0.3146



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.



24.4527, 0.3936, 0.2861



35.5132, 0.4205, 0.2786



26.4044, 0.4317, 0.3458



10.6974, 0.3235, 0.3209



8.1061, 0.5550, 0.2831



0.3976, 0.4965, 0.2509

Inverse Universe

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



24.4527, 0.3936, 0.2861



35.5132, 0.4205, 0.2786



42.9826, 0.2475, 0.3106



10.6974, 0.3235, 0.3209



8.1061, 0.5550, 0.2831



0.3976, 0.4965, 0.2509

Previews

White Background



This preview shows how the Yxy color 24.4515, 0.3936, 0.2861 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 24.4515, 0.3936, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

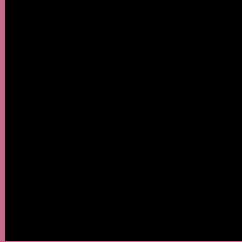
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4515, 0.3936, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 24.4515, 0.3936, 0.2861.



This preview shows how white text looks on a background with the Yxy color 24.4515, 0.3936, 0.2861.

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

24.4515, 0.3936, 0.2861

Protanopia

24.6678, 0.2878, 0.2926

Deuteranopia

24.7358, 0.3303, 0.3242



Tritanopia

24.4656, 0.4186, 0.3187

Trichromacy



Original Color

24.4515, 0.3936, 0.2861

Protanomaly

23.7854, 0.3228, 0.2885

Deuteranomaly

24.2683, 0.3527, 0.3093

Tritanomaly

24.5858, 0.4092, 0.3068

Monochromacy



Original Color

24.4515, 0.3936, 0.2861

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.3338, 0.3411, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4515, 0.3936, 0.2861 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, 106, 139)` looks like.

```
.text, #text, p{  
    color:rgb(200, 106, 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(200, 106, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 106, 139) }
```

Border

The CSS property to change the border of an element to Yxy 24.4515, 0.3936, 0.2861 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, 106, 139) }
```

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

```
.border{ border-color:rgb(200, 106, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 106, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 106, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 106, 139);  
box-shadow:4px 4px 4px 4px rgb(200, 106,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4515, 0.3936, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 106, 139) }
```

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

```
.background{ background-color: rgb(200,  
106, 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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