

Converting Colors

$Y_{xy}(17.3112, 0.4151, 0.2491)$

Have a look what the booklet for
Yxy(17.3112, 0.4151, 0.2491)
contains.

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Color

Yxy(17.2709, 0.4153, 0.2490)

Conversions

Conversions Part 1

Format	Color
Hex	C44283
RGB	196, 66, 131
RGB Percent	77%, 26%, 51%
CMY	0.2314, 0.7411, 0.4863
CMYK	0.00, 0.66, 0.33, 0.23
HSL	330°, 52%, 51%
HSV	330°, 66%, 77%
XYZ	28.8056, 17.2709, 23.2845
YIQ	112.2800, 56.6150, 47.7750

Conversions

Conversions Part 2

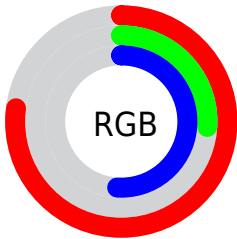
Format	Color
R_{YB}	196, 66, 131
Decimal	12862083
CIE _{Lab}	48.60, 57.41, -8.22
CIE _{LCh}	49, 57.993, 351.850
Yxy	17.2709, 0.4153, 0.2490
Android (android.graphics.Color)	4291052163 (0xFFC44283)
YUV	112.2800, 9.2290, 73.4224
Hunter-Lab	41.5583, 50.9983, -4.1285

Details

The Yxy color **17.2709, 0.4153, 0.2490** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **42.2699, 0.2700, 0.4375**, and the grayscale version is **16.2530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6398, 0.3913, 0.2659**, and **6.0125, 0.4525, 0.2267** is the 20% darker color. If you saturate the color by 10%, you get **15.1064, 0.4393, 0.2438**, and if you desaturate by 10%, it is **20.2468, 0.3930, 0.2579**.

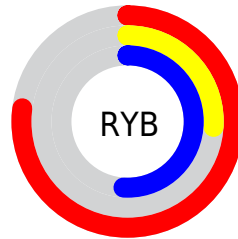
Distribution



Red (77%)

Green (26%)

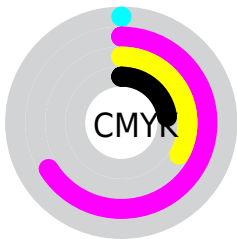
Blue (51%)



Red (77%)

Yellow (26%)

Blue (51%)

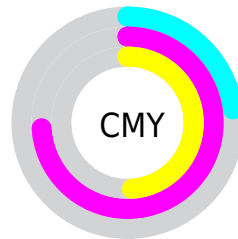


Cyan (0%)

Magenta (66%)

Yellow (33%)

Black (23%)



Cyan (23%)


Magenta (74%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2709, 0.4153, 0.2490 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 17.2709, 0.4153, 0.2490 by changing the saturation by 10% instead.


 17.2709, 0.4153,
0.2490


 17.2709, 0.4153,
0.2490


236.7287, 0.3571,
0.2932


 10.4278, 0.4326,
0.2364


 38.7910, 0.3922,
0.2662

 5.6835, 0.4566,
0.2194


 54.2367, 0.3842,
0.2723


 2.6536, 0.4923,
0.1950

 73.3189, 0.3776,
0.2773

 0.9537, 0.5496,
0.1579

 96.4218, 0.3721,
0.2815

 0.0000, 0.7655,
0.0000

 123.9298, 0.3675,
0.2851

 0.0000, 1.0000,
0.0000

156.2274, 0.3635,

 0.0000, 0.0000,

0.2882

0.0000

193.6989, 0.3601,
0.2909

■ 17.2709, 0.4153,
0.2490

■ 17.2709, 0.4153,
0.2490

■ 15.1064, 0.4393,
0.2438

■ 20.2468, 0.3930,
0.2579

■ 13.6658, 0.4640,
0.2435

■ 24.1041, 0.3731,
0.2693

■ 12.8414, 0.4880,
0.2485

■ 28.9084, 0.3558,
0.2822

■ 12.6144, 0.4968,
0.2511

■ 34.7183, 0.3410,
0.2955

■ 41.5874, 0.3286,
0.3087

■ 49.5657, 0.3183,
0.3214

■ 58.6999, 0.3097,
0.3333

■ 69.0341, 0.3027,
0.3445

■ 80.6099, 0.2968,
0.3548

Harmonies

Analogous

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



17.2709, 0.2989, 0.1995



17.2709, 0.4153, 0.2490



17.2709, 0.5070, 0.3139

Triad

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



17.2709, 0.4153, 0.2490



17.2709, 0.3935, 0.5273



17.2709, 0.1344, 0.2138

Complementary

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



17.2709, 0.4153, 0.2490



42.2699, 0.2700, 0.4375

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.



17.2709, 0.1489, 0.2984



17.2709, 0.4153, 0.2490



17.2709, 0.2932, 0.5275

Square

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



17.2709, 0.4153, 0.2490



17.2709, 0.4799, 0.4627



17.2709, 0.2031, 0.4273



17.2709, 0.1535, 0.1767

Rectangle

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



17.2709, 0.4153, 0.2490



17.2709, 0.5293, 0.3613



17.2709, 0.2031, 0.4273



17.2709, 0.1353, 0.2360

Sweetspot

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



17.2718, 0.4153, 0.2490



70.1305, 0.3333, 0.3034



12.7106, 0.2430, 0.1452



14.2557, 0.3369, 0.2996



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.



17.2718, 0.4153, 0.2490



25.9267, 0.4515, 0.2430



16.0271, 0.5285, 0.3296



10.1600, 0.3212, 0.3175



8.1245, 0.4938, 0.2494



0.3650, 0.4451, 0.2226

Inverse Universe

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



17.2718, 0.4153, 0.2490



25.9267, 0.4515, 0.2430



44.6152, 0.2354, 0.3288



10.1600, 0.3212, 0.3175



8.1245, 0.4938, 0.2494



0.3650, 0.4451, 0.2226

Previews

White Background



This preview shows how the Yxy color 17.2709, 0.4153, 0.2490 looks on a white background.

Color Contrast Check

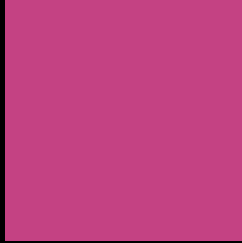
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.2709, 0.4153, 0.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

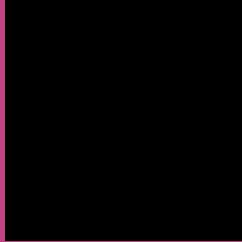
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2709, 0.4153, 0.2490

Background



This preview shows how black text looks on a background with the Yxy color 17.2709, 0.4153, 0.2490.



This preview shows how white text looks on a background with the Yxy color 17.2709, 0.4153, 0.2490.

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

17.2709, 0.4153, 0.2490

Protanopia

17.4817, 0.2474, 0.2391

Deuteranopia

17.5506, 0.3137, 0.3083



Tritanopia

17.2798, 0.4869, 0.3233

Trichromacy



Original Color

17.2709, 0.4153, 0.2490

Protanomaly

16.0506, 0.2960, 0.2364

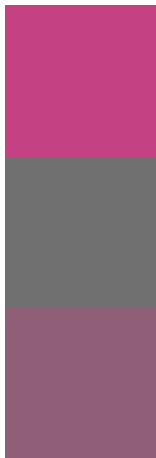
Deuteranomaly

16.3821, 0.3482, 0.2771

Tritanomaly

17.1551, 0.4622, 0.2965

Monochromacy



Original Color

17.2709, 0.4153, 0.2490

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.3560, 0.3502, 0.2868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2709, 0.4153, 0.2490 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, 66, 131)` looks like.

```
.text, #text, p{  
    color:rgb(196, 66, 131)  
}
```

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, 66, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 66, 131) }
```

Border

The CSS property to change the border of an element to Yxy 17.2709, 0.4153, 0.2490 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, 66, 131) }
```

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

```
.border{ border-color:rgb(196, 66, 131) }
```

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

Here you see how a box with a 4 pixel rgb(196, 66, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 66, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 66, 131);  
box-shadow:4px 4px 4px 4px rgb(196, 66,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2709, 0.4153, 0.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 66, 131) }
```

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

```
.background{ background-color: rgb(196, 66,  
131) }
```

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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