

Converting Colors

$Y_{xy}(15.5915, 0.4742, 0.2687)$

Have a look what the booklet for
Yxy(15.5915, 0.4742, 0.2687)
contains.

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Color

Yxy(15.5805, 0.4742, 0.2686)

Conversions

Conversions Part 1

Format	Color
Hex	C83269
RGB	200, 50, 105
RGB Percent	78%, 20%, 41%
CMY	0.2157, 0.8038, 0.5883
CMYK	0.00, 0.75, 0.48, 0.22
HSL	338°, 60%, 49%
HSV	338°, 75%, 78%
XYZ	27.5066, 15.5805, 14.9192
YIQ	101.1200, 71.7450, 48.9050

Conversions

Conversions Part 2

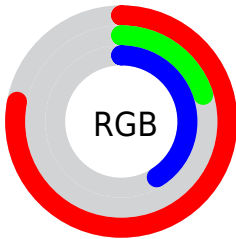
Format	Color
R_{YB}	200, 50, 105
Decimal	13120105
CIE _{Lab}	46.42, 61.68, 4.51
CIE _{LCh}	46, 61.843, 4.183
Yxy	15.5805, 0.4742, 0.2686
Android (android.graphics.Color)	4291310185 (0xFFC83269)
YUV	101.1200, 1.9128, 86.7178
Hunter-Lab	39.4721, 55.3135, 5.2207

Details

The Yxy color **15.5805, 0.4742, 0.2686** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **44.0263, 0.2580, 0.4194**, and the grayscale version is **13.0315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5976, 0.4297, 0.2821**, and **5.8809, 0.5266, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **13.9862, 0.5070, 0.2704**, and if you desaturate by 10%, it is **17.9619, 0.4421, 0.2714**.

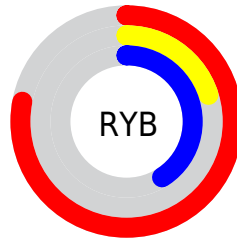
Distribution



Red (78%)

Green (20%)

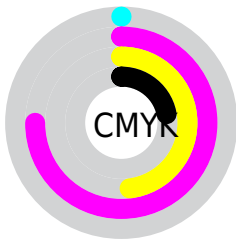
Blue (41%)



Red (78%)

Yellow (20%)

Blue (41%)

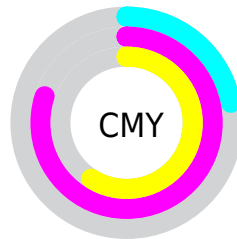


Cyan (0%)

Magenta (75%)

Yellow (48%)

Black (22%)



Cyan (22%)


Magenta (80%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.5805, 0.4742, 0.2686 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 15.5805, 0.4742, 0.2686 by changing the saturation by 10% instead.


 15.5805, 0.4742,
0.2686


 15.5805, 0.4742,
0.2686


226.8534, 0.3795,
0.3051


 9.2278, 0.5035,
0.2568


 35.8684, 0.4359,
0.2837


 4.8901, 0.5448,
0.2396

 50.5724, 0.4227,
0.2888

 2.1829, 0.6066,
0.2131

 68.8289, 0.4121,
0.2929

 0.7106, 0.7207,
0.1698

 91.0223, 0.4033,
0.2962

 0.0000, 1.0000,
0.0000

 117.5371, 0.3959,
0.2990

 0.0000, 0.0000,
0.0000

148.7576, 0.3896,

0.3013

185.0683, 0.3842,
0.3033

■ 15.5805, 0.4742,
0.2686

■ 15.5805, 0.4742,
0.2686

■ 13.9862, 0.5070,
0.2704

■ 17.9619, 0.4421,
0.2714

■ 13.0694, 0.5380,
0.2773

■ 21.2159, 0.4126,
0.2777

■ 12.7623, 0.5526,
0.2818

■ 25.4192, 0.3866,
0.2861

■ 30.6398, 0.3645,
0.2956

■ 36.9390, 0.3460,
0.3055

■ 44.3736, 0.3307,
0.3153

■ 52.9961, 0.3181,
0.3246

■ 62.8558, 0.3078,
0.3333

■ 73.9992, 0.2994,
0.3413

Harmonies

Analogous

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



15.5805, 0.3482, 0.2084



15.5805, 0.4742, 0.2686



15.5805, 0.5449, 0.3401

Triad

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



15.5805, 0.4742, 0.2686



15.5805, 0.3517, 0.5602



15.5805, 0.1260, 0.1819

Complementary

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



15.5805, 0.4742, 0.2686



44.0263, 0.2580, 0.4194

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.



15.5805, 0.1254, 0.2484



15.5805, 0.4742, 0.2686



15.5805, 0.2453, 0.5173

Square

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



15.5805, 0.4742, 0.2686



15.5805, 0.4544, 0.5030



15.5805, 0.1632, 0.3750



15.5805, 0.1602, 0.1603

Rectangle

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



15.5805, 0.4742, 0.2686



15.5805, 0.5435, 0.3916



15.5805, 0.1632, 0.3750



15.5805, 0.1221, 0.1982

Sweetspot

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



15.5814, 0.4742, 0.2686



67.1996, 0.3416, 0.3082



12.4739, 0.2539, 0.1363



13.6693, 0.3461, 0.3054



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.



15.5814, 0.4742, 0.2686



23.0941, 0.5269, 0.2741



16.8920, 0.5497, 0.3493



10.7001, 0.3233, 0.3206



8.1319, 0.5490, 0.2798



0.3990, 0.4914, 0.2481

Inverse Universe

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



15.5814, 0.4742, 0.2686



23.0941, 0.5269, 0.2741



37.4880, 0.2228, 0.2977



10.7001, 0.3233, 0.3206



8.1319, 0.5490, 0.2798



0.3990, 0.4914, 0.2481

Previews

White Background



This preview shows how the Yxy color 15.5805, 0.4742, 0.2686 looks on a white background.

Color Contrast Check

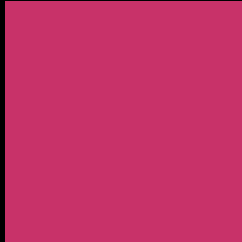
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5805, 0.4742, 0.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

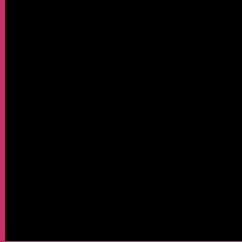
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.5805, 0.4742, 0.2686

Background



This preview shows how black text looks on a background with the Yxy color 15.5805, 0.4742, 0.2686.



This preview shows how white text looks on a background with the Yxy color 15.5805, 0.4742, 0.2686.

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

15.5805, 0.4742, 0.2686

Protanopia

15.9590, 0.2722, 0.2725

Deuteranopia

15.8329, 0.3518, 0.3467



Tritanopia

15.5964, 0.5403, 0.3266

Trichromacy



Original Color

15.5805, 0.4742, 0.2686

Protanomaly

14.0007, 0.3340, 0.2602

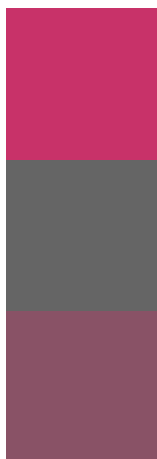
Deuteranomaly

14.3675, 0.3980, 0.3039

Tritanomaly

15.5205, 0.5198, 0.3063

Monochromacy



Original Color

15.5805, 0.4742, 0.2686

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.3123, 0.3731, 0.2920

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5805, 0.4742, 0.2686 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, 50, 105)` looks like.

```
.text, #text, p{  
    color:rgb(200, 50, 105)  
}
```

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, 50, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 50, 105) }
```

Border

The CSS property to change the border of an element to Yxy 15.5805, 0.4742, 0.2686 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, 50, 105) }
```

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

```
.border{ border-color:rgb(200, 50, 105) }
```

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

Here you see how a box with a 4 pixel rgb(200, 50, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 50, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 50, 105);  
box-shadow:4px 4px 4px 4px rgb(200, 50,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5805, 0.4742, 0.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 50, 105) }
```

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

```
.background{ background-color: rgb(200, 50,  
105) }
```

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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