

Converting Colors

$Y_{xy}(17.1947, 0.4938, 0.2701)$

Have a look what the booklet for
Yxy(17.1947, 0.4938, 0.2701)
contains.

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Color

Yxy(17.1947, 0.4938, 0.2701)

Conversions

Conversions Part 1

Format	Color
Hex	D72B69
RGB	215, 43, 105
RGB Percent	84%, 17%, 41%
CMY	0.1569, 0.8312, 0.5882
CMYK	0.00, 0.80, 0.51, 0.16
HSL	338°, 68%, 51%
HSV	338°, 80%, 84%
XYZ	31.4356, 17.1947, 15.0302
YIQ	101.4960, 82.6100, 55.7460

Conversions

Conversions Part 2

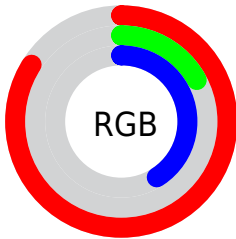
Format	Color
R_{YB}	215, 43, 105
Decimal	14101353
CIE _{Lab}	48.50, 67.74, 7.85
CIE _{LCh}	49, 68.195, 6.611
Yxy	17.1947, 0.4938, 0.2701
Android (android.graphics.Color)	4292291433 (0xFFD72B69)
YUV	101.4960, 1.7275, 99.5430
Hunter-Lab	41.4665, 62.7536, 7.5359

Details

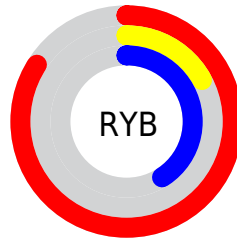
The Yxy color **17.1947, 0.4938, 0.2701** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **51.4084, 0.2568, 0.4253**, and the grayscale version is **13.1334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1757, 0.4305, 0.2802**, and **7.1755, 0.5438, 0.2769** is the 20% darker color. If you saturate the color by 10%, you get **15.7612, 0.5264, 0.2747**, and if you desaturate by 10%, it is **19.4988, 0.4605, 0.2705**.

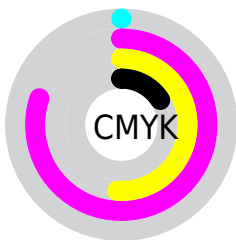
Distribution



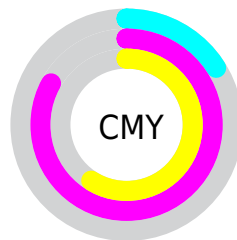
- Red (84%)
- Green (17%)
- Blue (41%)



- Red (84%)
- Yellow (17%)
- Blue (41%)



- Cyan (0%)
- Magenta (80%)
- Yellow (51%)
- Black (16%)




- Cyan (16%)
- Magenta (83%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.1947, 0.4938, 0.2701 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 17.1947, 0.4938, 0.2701 by changing the saturation by 10% instead.


 17.1947, 0.4938,
0.2701


 17.1947, 0.4938,
0.2701


236.2919, 0.3891,
0.3061


 10.3734, 0.5251,
0.2584


 38.6602, 0.4520,
0.2851


 5.6472, 0.5685,
0.2414

 54.0733, 0.4375,
0.2901

 2.6318, 0.6312,
0.2154

 73.1190, 0.4256,
0.2942

 0.9427, 0.7363,
0.1752

 96.1818, 0.4158,
0.2974

 0.0000, 1.0000,
0.0000

 123.6461, 0.4076,
0.3002

 0.0000, 0.0000,
0.0000

155.8963, 0.4005,

0.3025

193.3168, 0.3944,
0.3044

■ 17.1947, 0.4938,
0.2701

■ 17.1947, 0.4938,
0.2701

■ 15.7612, 0.5264,
0.2747

■ 19.4988, 0.4605,
0.2705

■ 14.9890, 0.5561,
0.2837

■ 22.7862, 0.4290,
0.2749

■ 14.9877, 0.5562,
0.2837

■ 27.1556, 0.4006,
0.2823

■ 32.6926, 0.3761,
0.2912

■ 39.4744, 0.3554,
0.3009

■ 47.5713, 0.3383,
0.3107

■ 57.0484, 0.3242,
0.3201

■ 67.9666, 0.3127,
0.3290

■ 80.3829, 0.3033,
0.3373

Harmonies

Analogous

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



17.1947, 0.3610, 0.2066



17.1947, 0.4938, 0.2701



17.1947, 0.5605, 0.3439

Triad

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



17.1947, 0.4938, 0.2701



17.1947, 0.3411, 0.5767



17.1947, 0.1194, 0.1708

Complementary

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



17.1947, 0.4938, 0.2701



51.4084, 0.2568, 0.4253

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.



17.1947, 0.1154, 0.2344



17.1947, 0.4938, 0.2701



17.1947, 0.2311, 0.5225

Square

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



17.1947, 0.4938, 0.2701



17.1947, 0.4502, 0.5162



17.1947, 0.1497, 0.3640



17.1947, 0.1573, 0.1522

Rectangle

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



17.1947, 0.4938, 0.2701



17.1947, 0.5523, 0.3974



17.1947, 0.1497, 0.3640



17.1947, 0.1144, 0.1859

Sweetspot

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



17.1957, 0.4938, 0.2701



64.7051, 0.3452, 0.3065



13.3056, 0.2486, 0.1269



12.9482, 0.3515, 0.3030



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.



17.1957, 0.4938, 0.2701



22.3715, 0.5472, 0.2809



18.5120, 0.5718, 0.3481



12.4940, 0.3235, 0.3206



8.9843, 0.5522, 0.2816



0.5575, 0.5044, 0.2552

Inverse Universe

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



17.1957, 0.4938, 0.2701



22.3715, 0.5472, 0.2809



43.1455, 0.2198, 0.2951



12.4940, 0.3235, 0.3206



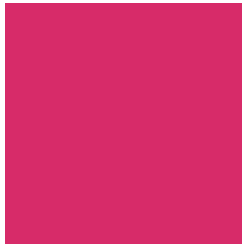
8.9843, 0.5522, 0.2816



0.5575, 0.5044, 0.2552

Previews

White Background



This preview shows how the Yxy color 17.1947, 0.4938, 0.2701 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 17.1947, 0.4938, 0.2701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

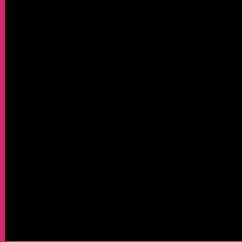
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1947, 0.4938, 0.2701

Background



This preview shows how black text looks on a background with the Yxy color 17.1947, 0.4938, 0.2701.



This preview shows how white text looks on a background with the Yxy color 17.1947, 0.4938, 0.2701.

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

17.1947, 0.4938, 0.2701

Protanopia

17.4958, 0.2746, 0.2762

Deuteranopia

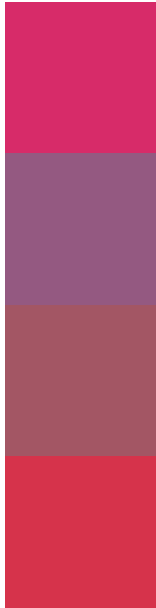
17.3003, 0.3630, 0.3553



Tritanopia

17.2800, 0.5623, 0.3280

Trichromacy



Original Color

17.1947, 0.4938, 0.2701

Protanomaly

15.0256, 0.3440, 0.2618

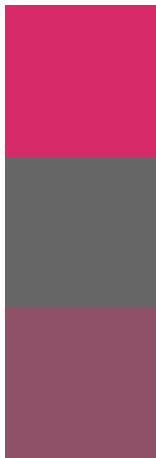
Deuteranomaly

15.3622, 0.4145, 0.3071

Tritanomaly

17.1718, 0.5416, 0.3081

Monochromacy



Original Color

17.1947, 0.4938, 0.2701

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

12.7038, 0.3815, 0.2899

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1947, 0.4938, 0.2701 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(215, 43, 105)` looks like.

```
.text, #text, p{  
    color:rgb(215, 43, 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(215, 43, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 43, 105) }
```

Border

The CSS property to change the border of an element to Yxy 17.1947, 0.4938, 0.2701 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(215, 43, 105) }
```

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

```
.border{ border-color:rgb(215, 43, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 43, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 43, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 43, 105);  
box-shadow:4px 4px 4px 4px rgb(215, 43,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1947, 0.4938, 0.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 43, 105) }
```

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

```
.background{ background-color: rgb(215, 43,  
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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