

Converting Colors

$Yxy(19.2928, 0.4439, 0.2641)$

Have a look what the booklet for
Yxy(19.2928, 0.4439, 0.2641)
contains.

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Color

Yxy(19.1966, 0.4430, 0.2634)

Conversions

Conversions Part 1

Format	Color
Hex	D2437D
RGB	210, 67, 125
RGB Percent	82%, 26%, 49%
CMY	0.1765, 0.7372, 0.5099
CMYK	0.00, 0.68, 0.40, 0.18
HSL	336°, 61%, 54%
HSV	336°, 68%, 82%
XYZ	32.2859, 19.1966, 21.3976
YIQ	116.3690, 66.6100, 48.3540

Conversions

Conversions Part 2

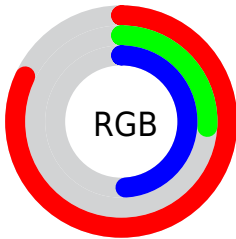
Format	Color
R_{YB}	210, 67, 125
Decimal	13779837
CIE _{Lab}	50.92, 60.44, -0.91
CIE _{LCh}	51, 60.442, 359.142
Yxy	19.1966, 0.4430, 0.2634
Android (android.graphics.Color)	4291969917 (0xFFD2437D)
YUV	116.3690, 4.2551, 82.1144
Hunter-Lab	43.8139, 54.8597, 1.7141

Details

The Yxy color **19.1966, 0.4430, 0.2634** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **49.5550, 0.2625, 0.4191**, and the grayscale version is **17.5570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8496, 0.3989, 0.2748**, and **7.1011, 0.4913, 0.2480** is the 20% darker color. If you saturate the color by 10%, you get **16.8375, 0.4733, 0.2612**, and if you desaturate by 10%, it is **22.5028, 0.4147, 0.2696**.

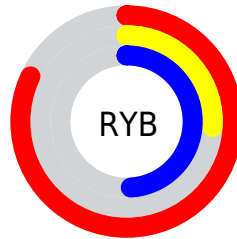
Distribution



Red (82%)

Green (26%)

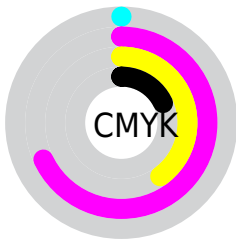
Blue (49%)



Red (82%)

Yellow (26%)

Blue (49%)

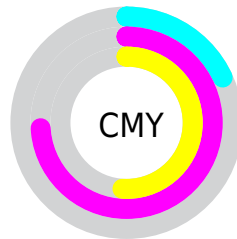


Cyan (0%)

Magenta (68%)

Yellow (40%)

Black (18%)



Cyan (18%)


Magenta (74%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1966, 0.4430, 0.2634 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 19.1966, 0.4430, 0.2634 by changing the saturation by 10% instead.


 19.1966, 0.4430,
0.2634


 19.1966, 0.4430,
0.2634


247.5320, 0.3691,
0.3004


 11.8124, 0.4648,
0.2526


 42.0660, 0.4138,
0.2780


 6.6161, 0.4949,
0.2376


 58.3201, 0.4036,
0.2831

 3.2232, 0.5390,
0.2159

 78.2996, 0.3952,
0.2873

 1.2493, 0.6082,
0.1819

 102.3889, 0.3883,
0.2908

 0.1015, 0.8676,
0.0488

 130.9723, 0.3824,
0.2938

 0.0000, 1.0000,
0.0000

164.4344, 0.3773,

 0.0000, 0.0000,

0.2963

0.0000

203.1595, 0.3730,
0.2985

■ 19.1966, 0.4430,
0.2634

■ 19.1966, 0.4430,
0.2634

■ 16.8375, 0.4733,
0.2612

■ 22.5028, 0.4147,
0.2696

■ 15.3176, 0.5038,
0.2640

■ 26.8423, 0.3894,
0.2784


■ 14.4853, 0.5324,
0.2719

■ 32.2948, 0.3676,
0.2887


■ 14.3595, 0.5377,
0.2736


■ 38.9315, 0.3492,
0.2996

■ 46.8175, 0.3339,
0.3105

 56.0131, 0.3213,
0.3210

 66.5748, 0.3109,
0.3308

 78.5556, 0.3024,
0.3400

 91.3571, 0.2954,
0.3474

Harmonies

Analogous

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



19.1966, 0.3263, 0.2090



19.1966, 0.4430, 0.2634



19.1966, 0.5205, 0.3307

Triad

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



19.1966, 0.4430, 0.2634



19.1966, 0.3696, 0.5371



19.1966, 0.1353, 0.2003

Complementary

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



19.1966, 0.4430, 0.2634



49.5550, 0.2625, 0.4191

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.



19.1966, 0.1412, 0.2724



19.1966, 0.4430, 0.2634



19.1966, 0.2688, 0.5128

Square

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



19.1966, 0.4430, 0.2634



19.1966, 0.4619, 0.4815



19.1966, 0.1853, 0.3948



19.1966, 0.1625, 0.1726

Rectangle

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



19.1966, 0.4430, 0.2634



19.1966, 0.5299, 0.3792



19.1966, 0.1853, 0.3948



19.1966, 0.1335, 0.2186

Sweetspot

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



19.1976, 0.4430, 0.2634



69.8642, 0.3369, 0.3082



15.1933, 0.2528, 0.1461



14.1921, 0.3411, 0.3051



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.



19.1976, 0.4430, 0.2634



24.8358, 0.4881, 0.2619



19.6888, 0.5276, 0.3419



11.8865, 0.3228, 0.3196



8.7779, 0.5340, 0.2715



0.5064, 0.4858, 0.2450

Inverse Universe

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



19.1976, 0.4430, 0.2634



24.8358, 0.4881, 0.2619



46.2736, 0.2300, 0.3115



11.8865, 0.3228, 0.3196



8.7779, 0.5340, 0.2715



0.5064, 0.4858, 0.2450

Previews

White Background



This preview shows how the Yxy color 19.1966, 0.4430, 0.2634 looks on a white background.

Color Contrast Check

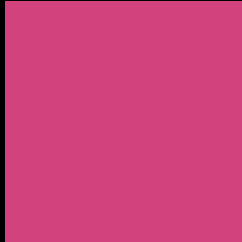
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1966, 0.4430, 0.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

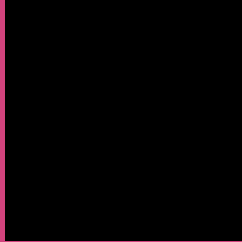
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1966, 0.4430, 0.2634

Background



This preview shows how black text looks on a background with the Yxy color 19.1966, 0.4430, 0.2634.



This preview shows how white text looks on a background with the Yxy color 19.1966, 0.4430, 0.2634.

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

19.1966, 0.4430, 0.2634

Protanopia

19.3463, 0.2646, 0.2616

Deuteranopia

19.4158, 0.3346, 0.3291



Tritanopia

19.1823, 0.5052, 0.3240

Trichromacy



Original Color

19.1966, 0.4430, 0.2634

Protanomaly

17.6786, 0.3188, 0.2556

Deuteranomaly

17.9855, 0.3730, 0.2941

Tritanomaly

19.0568, 0.4836, 0.3012

Monochromacy



Original Color

19.1966, 0.4430, 0.2634

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.5513, 0.3595, 0.2934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1966, 0.4430, 0.2634 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(210, 67, 125)` looks like.

```
.text, #text, p{  
    color:rgb(210, 67, 125)  
}
```

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(210, 67, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 67, 125) }
```

Border

The CSS property to change the border of an element to Yxy 19.1966, 0.4430, 0.2634 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(210, 67, 125) }
```

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

```
.border{ border-color:rgb(210, 67, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 67, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 67, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 67, 125);  
box-shadow:4px 4px 4px 4px rgb(210, 67,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1966, 0.4430, 0.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 67, 125) }
```

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

```
.background{ background-color: rgb(210, 67,  
125) }
```

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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