

Converting Colors

$Y_{xy}(17.8755, 0.4661, 0.2702)$

Have a look what the booklet for
Yxy(17.8755, 0.4661, 0.2702)
contains.

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Color

Yxy(17.8755, 0.4661, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	D13B71
RGB	209, 59, 113
RGB Percent	82%, 23%, 44%
CMY	0.1805, 0.7685, 0.5569
CMYK	0.00, 0.72, 0.46, 0.18
HSL	338°, 62%, 53%
HSV	338°, 72%, 82%
XYZ	30.8356, 17.8755, 17.4455
YIQ	110.0060, 72.0660, 48.5940

Conversions

Conversions Part 2

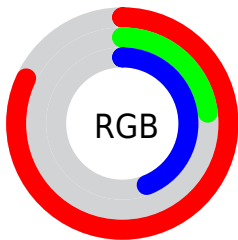
Format	Color
R_{YB}	209, 59, 113
Decimal	13712241
CIE _{Lab}	49.34, 61.91, 4.04
CIE _{LCh}	49, 62.037, 3.731
Yxy	17.8755, 0.4661, 0.2702
Android (android.graphics.Color)	4291902321 (0xFFD13B71)
YUV	110.0060, 1.4760, 86.8177
Hunter-Lab	42.2794, 56.1960, 5.1312

Details

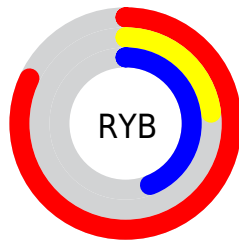
The Yxy color **17.8755, 0.4661, 0.2702** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **48.8917, 0.2581, 0.4134**, and the grayscale version is **15.5788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6992, 0.4155, 0.2803**, and **6.7829, 0.5161, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **15.8606, 0.4994, 0.2706**, and if you desaturate by 10%, it is **20.7963, 0.4341, 0.2741**.

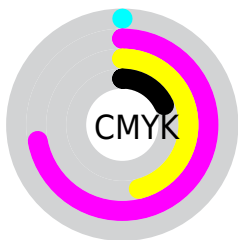
Distribution



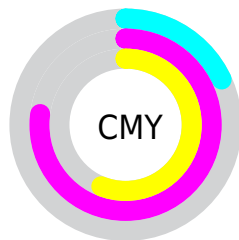
- Red (82%)
- Green (23%)
- Blue (44%)



- Red (82%)
- Yellow (23%)
- Blue (44%)



- Cyan (0%)
- Magenta (72%)
- Yellow (46%)
- Black (18%)





- Cyan (18%)
- Magenta (77%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8755, 0.4661, 0.2702 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 17.8755, 0.4661, 0.2702 by changing the saturation by 10% instead.


 17.8755, 0.4661,
0.2702


 17.8755, 0.4661,
0.2702


240.1684, 0.3779,
0.3049


 10.8606, 0.4926,
0.2594


 39.8251, 0.4309,
0.2843


 5.9732, 0.5294,
0.2440

 55.5286, 0.4187,
0.2891


 2.8288, 0.5836,
0.2207

 74.8971, 0.4087,
0.2930

 1.0430, 0.6689,
0.1830

 98.3150, 0.4004,
0.2963

 0.0000, 1.0000,
0.0000

 126.1666, 0.3934,
0.2990

 0.0000, 0.0000,
0.0000

158.8365, 0.3875,

0.3012

196.7089, 0.3823,
0.3032

■ 17.8755, 0.4661,
0.2702

■ 17.8755, 0.4661,
0.2702

■ 15.8606, 0.4994,
0.2706

■ 20.7963, 0.4341,
0.2741

■ 14.6370, 0.5316,
0.2761

■ 24.7135, 0.4052,
0.2810

■ 14.0639, 0.5560,
0.2836

■ 29.7097, 0.3800,
0.2897


■ 35.8580, 0.3588,
0.2993

■ 43.2250, 0.3411,
0.3090

 51.8724, 0.3265,
0.3185

 61.8576, 0.3146,
0.3275

 73.2343, 0.3048,
0.3358

 86.0536, 0.2968,
0.3435

Harmonies

Analogous

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



17.8755, 0.3453, 0.2116



17.8755, 0.4661, 0.2702



17.8755, 0.5357, 0.3403

Triad

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



17.8755, 0.4661, 0.2702



17.8755, 0.3539, 0.5506



17.8755, 0.1311, 0.1877

Complementary

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



17.8755, 0.4661, 0.2702



48.8917, 0.2581, 0.4134

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.



17.8755, 0.1314, 0.2537



17.8755, 0.4661, 0.2702



17.8755, 0.2503, 0.5096

Square

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



17.8755, 0.4661, 0.2702



17.8755, 0.4529, 0.4976



17.8755, 0.1696, 0.3757



17.8755, 0.1642, 0.1655

Rectangle

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



17.8755, 0.4661, 0.2702



17.8755, 0.5362, 0.3907



17.8755, 0.1696, 0.3757



17.8755, 0.1275, 0.2039

Sweetspot

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



17.8765, 0.4661, 0.2702



67.1799, 0.3419, 0.3085



14.6043, 0.2569, 0.1421



13.6647, 0.3464, 0.3059



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.



17.8765, 0.4661, 0.2702



23.7326, 0.5166, 0.2728



19.4650, 0.5367, 0.3497



11.8775, 0.3235, 0.3207



8.6900, 0.5522, 0.2815



0.5009, 0.5013, 0.2535

Inverse Universe

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



17.8765, 0.4661, 0.2702



23.7326, 0.5166, 0.2728



41.9249, 0.2248, 0.2991



11.8775, 0.3235, 0.3207



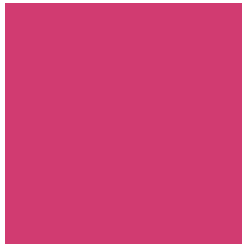
8.6900, 0.5522, 0.2815



0.5009, 0.5013, 0.2535

Previews

White Background



This preview shows how the Yxy color 17.8755, 0.4661, 0.2702 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 17.8755, 0.4661, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

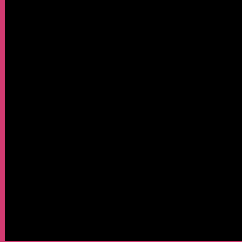
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8755, 0.4661, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 17.8755, 0.4661, 0.2702.



This preview shows how white text looks on a background with the Yxy color 17.8755, 0.4661, 0.2702.

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

17.8755, 0.4661, 0.2702

Protanopia

18.2087, 0.2732, 0.2736

Deuteranopia

18.1436, 0.3497, 0.3439



Tritanopia

17.9895, 0.5269, 0.3265

Trichromacy



Original Color

17.8755, 0.4661, 0.2702

Protanomaly

16.3181, 0.3326, 0.2636

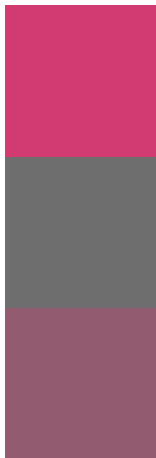
Deuteranomaly

16.6866, 0.3923, 0.3050

Tritanomaly

17.8786, 0.5072, 0.3061

Monochromacy



Original Color

17.8755, 0.4661, 0.2702

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.7409, 0.3684, 0.2941

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8755, 0.4661, 0.2702 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(209, 59, 113)` looks like.

```
.text, #text, p{  
    color:rgb(209, 59, 113)  
}
```

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(209, 59, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 59, 113) }
```

Border

The CSS property to change the border of an element to Yxy 17.8755, 0.4661, 0.2702 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(209, 59, 113) }
```

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

```
.border{ border-color:rgb(209, 59, 113) }
```

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

Here you see how a box with a 4 pixel rgb(209, 59, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 59, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 59, 113);  
box-shadow:4px 4px 4px 4px rgb(209, 59,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8755, 0.4661, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 59, 113) }
```

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

```
.background{ background-color: rgb(209, 59,  
113) }
```

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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