

Converting Colors

$Yxy(17.6982, 0.3283, 0.1627)$

Have a look what the booklet for
Yxy(17.6982, 0.3283, 0.1627)
contains.

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Color

Yxy(17.7559, 0.3281, 0.1627)

Conversions

Conversions Part 1

Format	Color
Hex	CD18C7
RGB	205, 24, 199
RGB Percent	80%, 9%, 78%
CMY	0.1962, 0.9054, 0.2196
CMYK	0.00, 0.88, 0.03, 0.20
HSL	302°, 79%, 45%
HSV	302°, 88%, 80%
XYZ	35.8065, 17.7559, 55.5704
YIQ	98.0690, 51.7010, 92.7970

Conversions

Conversions Part 2

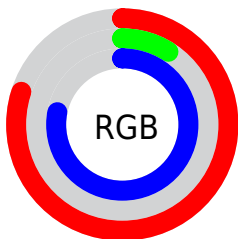
Format	Color
R_{YB}	205, 24, 199
Decimal	13441223
CIE _{Lab}	49.20, 80.09, -47.42
CIE _{LCh}	49, 93.071, 329.370
Yxy	17.7559, 0.3281, 0.1627
Android (android.graphics.Color)	4291631303 (0xFFCD18C7)
YUV	98.0690, 49.7590, 93.7785
Hunter-Lab	42.1378, 77.9389, -48.6940

Details

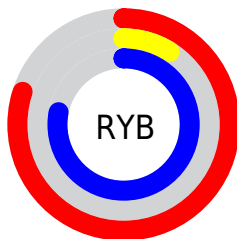
The Yxy color **17.7559, 0.3281, 0.1627** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **43.9403, 0.2995, 0.5865**, and the grayscale version is **12.1114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4037, 0.3194, 0.1874**, and **8.1246, 0.3243, 0.1560** is the 20% darker color. If you saturate the color by 10%, you get **17.1459, 0.3292, 0.1593**, and if you desaturate by 10%, it is **18.9775, 0.3268, 0.1700**.

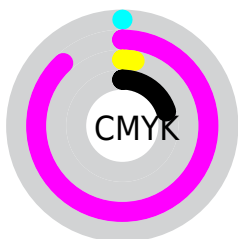
Distribution



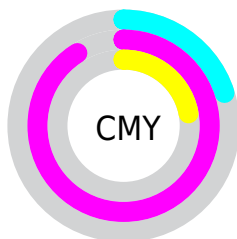
- Red (80%)
- Green (9%)
- Blue (78%)



- Red (80%)
- Yellow (9%)
- Blue (78%)



- Cyan (0%)
- Magenta (88%)
- Yellow (3%)
- Black (20%)





- Cyan (20%)
- Magenta (91%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.7559, 0.3281, 0.1627 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 17.7559, 0.3281, 0.1627 by changing the saturation by 10% instead.


 17.7559, 0.3281,
0.1627


 17.7559, 0.3281,
0.1627


239.4916, 0.3246,
0.2433


 10.7749, 0.3274,
0.1443


 39.6209, 0.3279,
0.1909


 5.9157, 0.3256,
0.1219


 55.2738, 0.3275,
0.2019


 2.7939, 0.3215,
0.0948


 74.5860, 0.3271,
0.2112

 1.0251, 0.3126,
0.0627

 97.9419, 0.3266,
0.2194

 0.0000, 0.3017,
0.0000

 125.7261, 0.3260,
0.2265

 0.0000, 0.2512,
0.0000

 158.3228, 0.3255,

 0.0000, 0.0000,

0.2328

0.0000

196.1165, 0.3251,
0.2383

■ 17.7559, 0.3281,
0.1627

■ 17.7559, 0.3281,
0.1627

■ 17.1459, 0.3292,
0.1593

■ 18.9775, 0.3268,
0.1700

■ 17.0620, 0.3294,
0.1588

■ 20.9549, 0.3252,
0.1816

■ 23.7863, 0.3235,
0.1972

■ 27.5548, 0.3216,
0.2163

■ 32.3332, 0.3197,
0.2381

■ 38.1875, 0.3177,
0.2615

■ 45.1779, 0.3159,
0.2856

■ 53.3604, 0.3141,
0.3097

■ 62.7869, 0.3124,
0.3331

Harmonies

Analogous

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



17.7559, 0.1855, 0.1243



17.7559, 0.3281, 0.1627



17.7559, 0.5141, 0.2293

Triad

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



17.7559, 0.3281, 0.1627



17.7559, 0.4900, 0.5100



17.7559, 0.0783, 0.2289

Complementary

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



17.7559, 0.3281, 0.1627



43.9403, 0.2995, 0.5865

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.



17.7559, 0.1213, 0.4267



17.7559, 0.3281, 0.1627



17.7559, 0.3550, 0.6357

Square

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



17.7559, 0.3281, 0.1627



17.7559, 0.5983, 0.3943



17.7559, 0.2230, 0.6419



17.7559, 0.0778, 0.1426

Rectangle

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



17.7559, 0.3281, 0.1627



17.7559, 0.6028, 0.2806



17.7559, 0.2230, 0.6419



17.7559, 0.0867, 0.2806

Sweetspot

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



17.7567, 0.3281, 0.1627



64.6059, 0.3174, 0.2660



5.2991, 0.1568, 0.0704



13.0372, 0.3180, 0.2576



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.



17.7567, 0.3281, 0.1627



27.9489, 0.3295, 0.1589



14.7928, 0.4753, 0.2476



11.3971, 0.3143, 0.3069



10.6276, 0.3293, 0.1588



0.5503, 0.3275, 0.1578

Inverse Universe

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



17.7567, 0.3281, 0.1627



27.9489, 0.3295, 0.1589



45.1436, 0.2680, 0.4754



11.3971, 0.3143, 0.3069



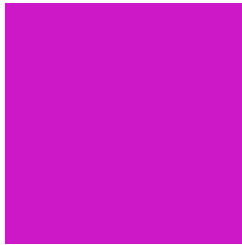
10.6276, 0.3293, 0.1588



0.5503, 0.3275, 0.1578

Previews

White Background



This preview shows how the Yxy color 17.7559, 0.3281, 0.1627 looks on a white background.

Color Contrast Check

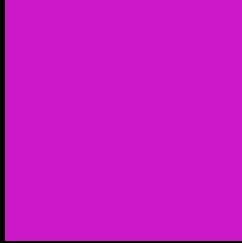
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7559, 0.3281, 0.1627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

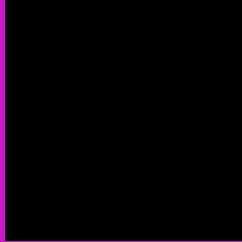
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7559, 0.3281, 0.1627

Background



This preview shows how black text looks on a background with the Yxy color 17.7559, 0.3281, 0.1627.



This preview shows how white text looks on a background with the Yxy color 17.7559, 0.3281, 0.1627.

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

17.7559, 0.3281, 0.1627

Protanopia

18.3855, 0.1739, 0.1460

Deuteranopia

18.2070, 0.2161, 0.2107



Tritanopia

17.7467, 0.4815, 0.3220

Trichromacy



Original Color

17.7559, 0.3281, 0.1627



Protanomaly

12.8717, 0.1849, 0.1216



Deuteranomaly

14.4622, 0.2432, 0.1673



Tritanomaly

16.6343, 0.4256, 0.2487

Monochromacy



Original Color

17.7559, 0.3281, 0.1627



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

11.5741, 0.3210, 0.2193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7559, 0.3281, 0.1627 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(205, 24, 199)` looks like.

```
.text, #text, p{  
    color:rgb(205, 24, 199)  
}
```

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(205, 24, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 24, 199) }
```

Border

The CSS property to change the border of an element to Yxy 17.7559, 0.3281, 0.1627 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(205, 24, 199) }
```

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

```
.border{ border-color:rgb(205, 24, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 24, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 24, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 24, 199);  
box-shadow:4px 4px 4px 4px rgb(205, 24,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7559, 0.3281, 0.1627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 24, 199) }
```

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

```
.background{ background-color: rgb(205, 24,  
199) }
```

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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