

Converting Colors

$Yxy(17.5254, 0.3336, 0.1656)$

Have a look what the booklet for
Yxy(17.5254, 0.3336, 0.1656)
contains.

Yxy(17.5321, 0.3333, 0.1654)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(17.5321, 0.3333, 0.1654)

Conversions

Conversions Part 1

Format	Color
Hex	CD17C3
RGB	205, 23, 195
RGB Percent	80%, 9%, 76%
CMY	0.1961, 0.9095, 0.2354
CMYK	0.00, 0.89, 0.05, 0.20
HSL	303°, 80%, 45%
HSV	303°, 89%, 80%
XYZ	35.3292, 17.5321, 53.1369
YIQ	97.0260, 53.2600, 92.0760

Conversions

Conversions Part 2

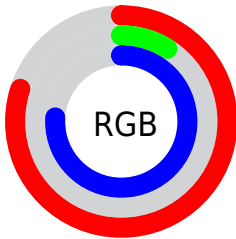
Format	Color
R_{YB}	205, 23, 195
Decimal	13440963
CIE _{Lab}	48.92, 79.66, -45.52
CIE _{LCh}	49, 91.750, 330.252
Yxy	17.5321, 0.3333, 0.1654
Android (android.graphics.Color)	4291631043 (0xFFCD17C3)
YUV	97.0260, 48.3012, 94.6932
Hunter-Lab	41.8714, 77.3355, -45.9321

Details

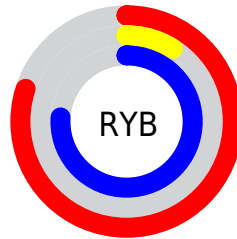
The Yxy color **17.5321, 0.3333, 0.1654** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed magenta. A complement of this color would be **43.9517, 0.2988, 0.5848**, and the grayscale version is **11.8414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2120, 0.3221, 0.1894**, and **8.0341, 0.3295, 0.1589** is the 20% darker color. If you saturate the color by 10%, you get **16.9221, 0.3351, 0.1624**, and if you desaturate by 10%, it is **18.7385, 0.3313, 0.1723**.

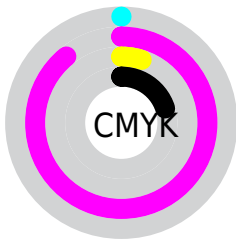
Distribution



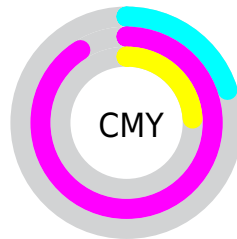
- Red (80%)
- Green (9%)
- Blue (76%)



- Red (80%)
- Yellow (9%)
- Blue (76%)



- Cyan (0%)
- Magenta (89%)
- Yellow (5%)
- Black (20%)





- Cyan (20%)
- Magenta (91%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5321, 0.3333, 0.1654 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 17.5321, 0.3333, 0.1654 by changing the saturation by 10% instead.


 17.5321, 0.3333,
0.1654


 17.5321, 0.3333,
0.1654


238.2203, 0.3268,
0.2452

 10.6146, 0.3335,
0.1470


 39.2384, 0.3320,
0.1935


 5.8083, 0.3328,
0.1245


 54.7960, 0.3311,
0.2043


 2.7289, 0.3301,
0.0971


 74.0024, 0.3303,
0.2136

 0.9919, 0.3232,
0.0644

 97.2420, 0.3295,
0.2216

 0.0000, 0.3155,
0.0000

 124.8992, 0.3288,
0.2287

 0.0000, 0.2665,
0.0000

 157.3584, 0.3281,

 0.0000, 0.0000,

0.2348

0.0000

195.0040, 0.3274,
0.2403

■ 17.5321, 0.3333,
0.1654

■ 17.5321, 0.3333,
0.1654

■ 16.9221, 0.3351,
0.1624

■ 18.7385, 0.3313,
0.1723

■ 16.8596, 0.3353,
0.1621

■ 20.6957, 0.3290,
0.1834

■ 23.5029, 0.3266,
0.1987

■ 27.2435, 0.3240,
0.2174

■ 31.9911, 0.3215,
0.2387

■ 37.8118, 0.3190,
0.2617

■ 44.7663, 0.3167,
0.2853

■ 52.9105, 0.3145,
0.3089

■ 62.2967, 0.3125,
0.3318

Harmonies

Analogous

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



17.5321, 0.1896, 0.1261



17.5321, 0.3333, 0.1654



17.5321, 0.5172, 0.2324

Triad

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



17.5321, 0.3333, 0.1654



17.5321, 0.4862, 0.5138



17.5321, 0.0792, 0.2262

Complementary

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



17.5321, 0.3333, 0.1654



43.9517, 0.2988, 0.5848

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.



17.5321, 0.1208, 0.4185



17.5321, 0.3333, 0.1654



17.5321, 0.3515, 0.6356

Square

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



17.5321, 0.3333, 0.1654



17.5321, 0.5946, 0.3980



17.5321, 0.2209, 0.6348



17.5321, 0.0795, 0.1425

Rectangle

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



17.5321, 0.3333, 0.1654



17.5321, 0.6028, 0.2837



17.5321, 0.2209, 0.6348



17.5321, 0.0872, 0.2763

Sweetspot

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



17.5329, 0.3333, 0.1654



63.4193, 0.3187, 0.2650



5.3334, 0.1582, 0.0707



12.8056, 0.3195, 0.2569



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.



17.5329, 0.3333, 0.1654



27.6085, 0.3355, 0.1622



14.6126, 0.4889, 0.2549



11.3927, 0.3146, 0.3074



10.5015, 0.3351, 0.1620



0.5451, 0.3321, 0.1603

Inverse Universe

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



17.5329, 0.3333, 0.1654



27.6085, 0.3355, 0.1622



45.2748, 0.2651, 0.4658



11.3927, 0.3146, 0.3074



10.5015, 0.3351, 0.1620



0.5451, 0.3321, 0.1603

Previews

White Background



This preview shows how the Yxy color 17.5321, 0.3333, 0.1654 looks on a white background.

Color Contrast Check

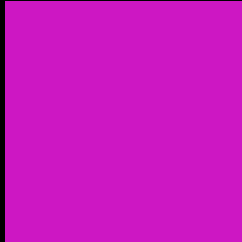
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5321, 0.3333, 0.1654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

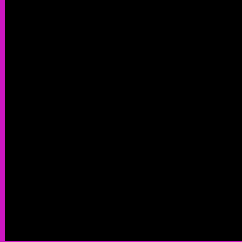
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5321, 0.3333, 0.1654

Background



This preview shows how black text looks on a background with the Yxy color 17.5321, 0.3333, 0.1654.



This preview shows how white text looks on a background with the Yxy color 17.5321, 0.3333, 0.1654.

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

17.5321, 0.3333, 0.1654

Protanopia

18.1015, 0.1737, 0.1454

Deuteranopia

17.9353, 0.2199, 0.2145



Tritanopia

17.7014, 0.4867, 0.3233

Trichromacy



Original Color

17.5321, 0.3333, 0.1654



Protanomaly

12.6150, 0.1852, 0.1216



Deuteranomaly

14.2864, 0.2485, 0.1705



Tritanomaly

16.5889, 0.4327, 0.2519

Monochromacy



Original Color

17.5321, 0.3333, 0.1654



Achromatopsia

11.9538, 0.3127, 0.3290



Achromatomaly

11.3080, 0.3226, 0.2201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5321, 0.3333, 0.1654 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, 23, 195)` looks like.

```
.text, #text, p{  
    color:rgb(205, 23, 195)  
}
```

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, 23, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 23, 195) }
```

Border

The CSS property to change the border of an element to Yxy 17.5321, 0.3333, 0.1654 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, 23, 195) }
```

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

```
.border{ border-color:rgb(205, 23, 195) }
```

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

Here you see how a box with a 4 pixel rgb(205, 23, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 23, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 23, 195);  
box-shadow:4px 4px 4px 4px rgb(205, 23,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5321, 0.3333, 0.1654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 23, 195) }
```

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

```
.background{ background-color: rgb(205, 23,  
195) }
```

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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