

Converting Colors

$Y_{xy}(17.3920, 0.3720, 0.2713)$

Have a look what the booklet for
Yxy(17.3920, 0.3720, 0.2713)
contains.

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Color

Yxy(17.3920, 0.3720, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	A85B81
RGB	168, 91, 129
RGB Percent	66%, 36%, 51%
CMY	0.3413, 0.6430, 0.4941
CMYK	0.00, 0.46, 0.23, 0.34
HSL	330°, 31%, 51%
HSV	330°, 46%, 66%
XYZ	23.8475, 17.3920, 22.8667
YIQ	118.3550, 33.6940, 28.1420

Conversions

Conversions Part 2

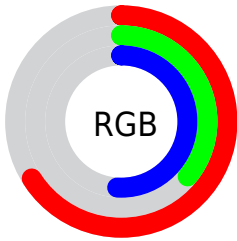
Format	Color
R _Y B	168, 91, 129
Decimal	11033473
CIE Lab	48.75, 36.26, -7.24
CIE LCh	49, 36.979, 348.706
Yxy	17.3920, 0.3720, 0.2713
Android (android.graphics.Color)	4289223553 (0xFFA85B81)
YUV	118.3550, 5.2480, 43.5387
Hunter-Lab	41.7037, 29.0904, -3.3168

Details

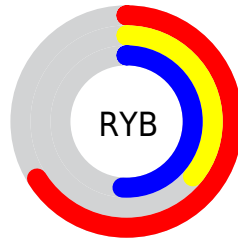
The Yxy color **17.3920, 0.3720, 0.2713** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **31.8328, 0.2784, 0.3966**, and the grayscale version is **18.2104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0299, 0.3586, 0.2838**, and **5.7425, 0.3968, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **14.6175, 0.3917, 0.2600**, and if you desaturate by 10%, it is **20.8298, 0.3549, 0.2839**.

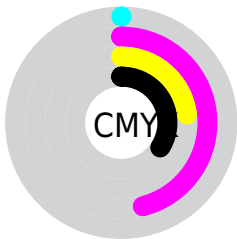
Distribution



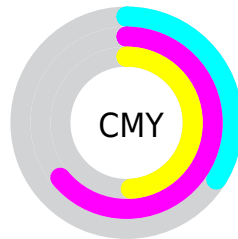
- Red (66%)
- Green (36%)
- Blue (51%)



- Red (66%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (46%)
- Yellow (23%)
- Black (34%)





- Cyan (34%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3920, 0.3720, 0.2713 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 17.3920, 0.3720, 0.2713 by changing the saturation by 10% instead.


 17.3920, 0.3720,
0.2713


 17.3920, 0.3720,
0.2713


237.4213, 0.3382,
0.3036


 10.5144, 0.3822,
0.2619


 38.9985, 0.3585,
0.2840


 5.7413, 0.3965,
0.2488


 54.4962, 0.3539,
0.2884

 2.6884, 0.4183,
0.2296

 73.6361, 0.3500,
0.2921

 0.9713, 0.4547,
0.1988

 96.8025, 0.3469,
0.2952

 0.0000, 0.6794,
0.0000

124.3798, 0.3442,
0.2977

 0.0000, 0.0000,
0.0000

156.7525, 0.3419,

0.3000

194.3048, 0.3399,
0.3019

■ 17.3920, 0.3720,
0.2713

■ 17.3920, 0.3720,
0.2713

■ 14.6175, 0.3917,
0.2600

■ 20.8298, 0.3549,
0.2839

■ 12.4600, 0.4139,
0.2509

■ 24.9682, 0.3403,
0.2969

■ 10.8711, 0.4378,
0.2454

■ 29.8448, 0.3280,
0.3098

■ 9.7939, 0.4626,
0.2445

■ 35.4936, 0.3178,
0.3221

■ 9.1539, 0.4870,
0.2488

■ 41.9465, 0.3094,
0.3338

■ 8.9448, 0.4972,
0.2513

■ 49.2338, 0.3023,
0.3446

■ 57.3839, 0.2965,
0.3546

■ 66.4241, 0.2917,
0.3638

■ 76.3804, 0.2878,
0.3723

Harmonies

Analogous

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



17.3920, 0.2984, 0.2362



17.3920, 0.3720, 0.2713



17.3920, 0.4326, 0.3192

Triad

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



17.3920, 0.3720, 0.2713



17.3920, 0.3816, 0.4574



17.3920, 0.1879, 0.2602

Complementary

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



17.3920, 0.3720, 0.2713



31.8328, 0.2784, 0.3966

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.



17.3920, 0.2044, 0.3216



17.3920, 0.3720, 0.2713



17.3920, 0.3135, 0.4518

Square

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



17.3920, 0.3720, 0.2713



17.3920, 0.4346, 0.4235



17.3920, 0.2488, 0.3974



17.3920, 0.1992, 0.2267

Rectangle

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



17.3920, 0.3720, 0.2713



17.3920, 0.4529, 0.3547



17.3920, 0.2488, 0.3974



17.3920, 0.1903, 0.2778

Sweetspot

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



17.3928, 0.3720, 0.2713



55.6767, 0.3263, 0.3117



15.0185, 0.2700, 0.2034



11.7005, 0.3286, 0.3091



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.3928, 0.3720, 0.2713



26.4463, 0.3921, 0.2598



16.5637, 0.4330, 0.3294



7.6017, 0.3212, 0.3179



6.7674, 0.4950, 0.2500



0.1750, 0.4233, 0.2106

Inverse Universe

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



17.3928, 0.3720, 0.2713



26.4463, 0.3921, 0.2598



33.0472, 0.2525, 0.3288



7.6017, 0.3212, 0.3179



6.7674, 0.4950, 0.2500



0.1750, 0.4233, 0.2106

Previews

White Background



This preview shows how the Yxy color 17.3920, 0.3720, 0.2713 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 17.3920, 0.3720, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

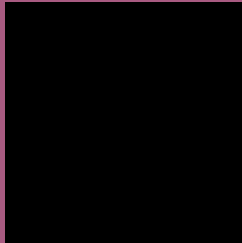
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3920, 0.3720, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 17.3920, 0.3720, 0.2713.



This preview shows how white text looks on a background with the Yxy color 17.3920, 0.3720, 0.2713.

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

17.3920, 0.3720, 0.2713

Protanopia

17.5570, 0.2727, 0.2728

Deuteranopia

17.5019, 0.3112, 0.3064



Tritanopia

17.3443, 0.4064, 0.3182

Trichromacy



Original Color

17.3920, 0.3720, 0.2713

Protanomaly

16.9180, 0.3037, 0.2701

Deuteranomaly

17.0985, 0.3323, 0.2919

Tritanomaly

17.2823, 0.3946, 0.3011

Monochromacy



Original Color

17.3920, 0.3720, 0.2713

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.3645, 0.3329, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3920, 0.3720, 0.2713 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(168, 91, 129)` looks like.

```
.text, #text, p{  
    color:rgb(168, 91, 129)  
}
```

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(168, 91, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 91, 129) }
```

Border

The CSS property to change the border of an element to Yxy 17.3920, 0.3720, 0.2713 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(168, 91, 129) }
```

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

```
.border{ border-color:rgb(168, 91, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 91, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 91, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 91, 129); box-shadow:4px 4px 4px 4px rgb(168, 91, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3920, 0.3720, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 91, 129) }
```

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

```
.background{ background-color: rgb(168, 91,  
129) }
```

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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