

Converting Colors

$Y_{xy}(17.1675, 0.3613, 0.2737)$

Have a look what the booklet for
Yxy(17.1675, 0.3613, 0.2737)
contains.

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Color

Yxy(17.1675, 0.3613, 0.2737)

Conversions

Conversions Part 1

Format	Color
Hex	A15E81
RGB	161, 94, 129
RGB Percent	63%, 37%, 51%
CMY	0.3687, 0.6313, 0.4940
CMYK	0.00, 0.42, 0.20, 0.37
HSL	329°, 26%, 50%
HSV	329°, 42%, 63%
XYZ	22.6621, 17.1675, 22.8942
YIQ	118.0230, 28.6970, 25.0890

Conversions

Conversions Part 2

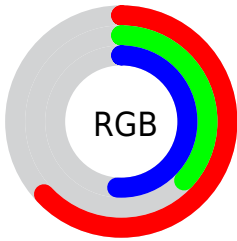
Format	Color
R_{YB}	161, 94, 129
Decimal	10575489
CIE _{Lab}	48.47, 32.15, -7.77
CIE _{LCh}	48, 33.081, 346.411
Yxy	17.1675, 0.3613, 0.2737
Android (android.graphics.Color)	4288765569 (0xFFA15E81)
YUV	118.0230, 5.4117, 37.6908
Hunter-Lab	41.4337, 25.1214, -3.7571

Details

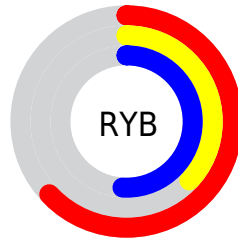
The Yxy color **17.1675, 0.3613, 0.2737** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.3714, 0.2825, 0.3928**, and the grayscale version is **18.1012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6869, 0.3500, 0.2860**, and **5.6441, 0.3819, 0.2515** is the 20% darker color. If you saturate the color by 10%, you get **14.4005, 0.3786, 0.2611**, and if you desaturate by 10%, it is **20.5486, 0.3463, 0.2872**.

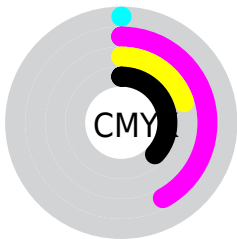
Distribution



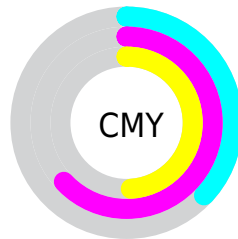
- Red (63%)
- Green (37%)
- Blue (51%)



- Red (63%)
- Yellow (37%)
- Blue (51%)



- Cyan (0%)
- Magenta (42%)
- Yellow (20%)
- Black (37%)





- Cyan (37%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1675, 0.3613, 0.2737 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 17.1675, 0.3613, 0.2737 by changing the saturation by 10% instead.


 17.1675, 0.3613,
0.2737


 17.1675, 0.3613,
0.2737


236.1358, 0.3336,
0.3047

 10.3540, 0.3696,
0.2646


 38.6135, 0.3503,
0.2859


 5.6343, 0.3814,
0.2520


 54.0149, 0.3464,
0.2902

 2.6240, 0.3992,
0.2334

 73.0476, 0.3433,
0.2937

 0.9387, 0.4292,
0.2033

 96.0961, 0.3407,
0.2966

 0.0000, 0.6348,
0.0000

123.5447, 0.3385,
0.2991

 0.0000, 0.0000,
0.0000

155.7780, 0.3367,

0.3012

193.1802, 0.3350,
0.3031

■ 17.1675, 0.3613,
0.2737

■ 17.1675, 0.3613,
0.2737

■ 14.4005, 0.3786,
0.2611

■ 20.5486, 0.3463,
0.2872

■ 12.2075, 0.3982,
0.2503

■ 24.5759, 0.3336,
0.3009

■ 10.5473, 0.4197,
0.2424


■ 29.2822, 0.3229,
0.3143


■ 9.3721, 0.4424,
0.2387

■ 34.6972, 0.3140,
0.3270

■ 8.6254, 0.4652,
0.2400

■ 40.8489, 0.3066,
0.3390

 8.2182, 0.4842,
0.2441

 47.7640, 0.3004,
0.3501

 55.4674, 0.2953,
0.3603

 63.9832, 0.2911,
0.3697

 73.3345, 0.2876,
0.3783

Harmonies

Analogous

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



17.1675, 0.2954, 0.2425



17.1675, 0.3613, 0.2737



17.1675, 0.4172, 0.3173

Triad

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



17.1675, 0.3613, 0.2737



17.1675, 0.3804, 0.4435



17.1675, 0.1992, 0.2709

Complementary

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



17.1675, 0.3613, 0.2737



29.3714, 0.2825, 0.3928

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.



17.1675, 0.2168, 0.3281



17.1675, 0.3613, 0.2737



17.1675, 0.3192, 0.4402

Square

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



17.1675, 0.3613, 0.2737



17.1675, 0.4260, 0.4126



17.1675, 0.2594, 0.3947



17.1675, 0.2075, 0.2377

Rectangle

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



17.1675, 0.3613, 0.2737



17.1675, 0.4375, 0.3498



17.1675, 0.2594, 0.3947



17.1675, 0.2021, 0.2877

Sweetspot

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



17.1683, 0.3613, 0.2737



51.8911, 0.3235, 0.3135



14.9599, 0.2724, 0.2153



11.1474, 0.3247, 0.3119



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.1683, 0.3613, 0.2737



26.0917, 0.3774, 0.2619



16.4318, 0.4127, 0.3257



7.1449, 0.3207, 0.3173



6.5730, 0.4825, 0.2432



0.1476, 0.4101, 0.2033

Inverse Universe

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



17.1683, 0.3613, 0.2737



26.0917, 0.3774, 0.2619



30.3602, 0.2586, 0.3327



7.1449, 0.3207, 0.3173



6.5730, 0.4825, 0.2432



0.1476, 0.4101, 0.2033

Previews

White Background



This preview shows how the Yxy color 17.1675, 0.3613, 0.2737 looks on a white background.

Color Contrast Check

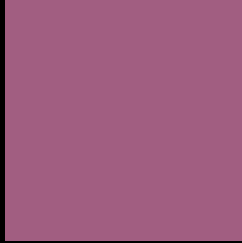
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1675, 0.3613, 0.2737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

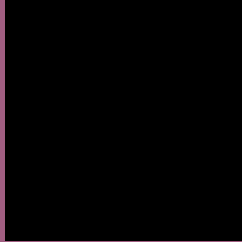
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1675, 0.3613, 0.2737

Background



This preview shows how black text looks on a background with the Yxy color 17.1675, 0.3613, 0.2737.



This preview shows how white text looks on a background with the Yxy color 17.1675, 0.3613, 0.2737.

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

17.1675, 0.3613, 0.2737

Protanopia

17.2690, 0.2745, 0.2743

Deuteranopia

17.2323, 0.3088, 0.3026



Tritanopia

17.1469, 0.3921, 0.3161

Trichromacy



Original Color

17.1675, 0.3613, 0.2737

Protanomaly

16.9396, 0.3023, 0.2732

Deuteranomaly

16.8697, 0.3269, 0.2897

Tritanomaly

17.2379, 0.3817, 0.3017

Monochromacy



Original Color

17.1675, 0.3613, 0.2737

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4108, 0.3300, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1675, 0.3613, 0.2737 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(161, 94, 129)` looks like.

```
.text, #text, p{  
    color:rgb(161, 94, 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(161, 94, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 94, 129) }
```

Border

The CSS property to change the border of an element to Yxy 17.1675, 0.3613, 0.2737 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(161, 94, 129) }
```

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

```
.border{ border-color:rgb(161, 94, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 94, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 94, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 94, 129); box-shadow:4px 4px 4px 4px rgb(161, 94, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1675, 0.3613, 0.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 94, 129) }
```

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

```
.background{ background-color: rgb(161, 94,  
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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