

Converting Colors

$Y_{xy}(17.4261, 0.3161, 0.2327)$

Have a look what the booklet for
Yxy(17.4261, 0.3161, 0.2327)
contains.

Yxy(17.4736, 0.3172, 0.2337)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.4736, 0.3172, 0.2337)

Conversions

Conversions Part 1

Format	Color
Hex	9C5E9C
RGB	156, 94, 156
RGB Percent	61%, 37%, 61%
CMY	0.3882, 0.6314, 0.3882
CMYK	0.00, 0.40, 0.00, 0.39
HSL	300°, 25%, 49%
HSV	300°, 40%, 61%
XYZ	23.7168, 17.4736, 33.5789
YIQ	119.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

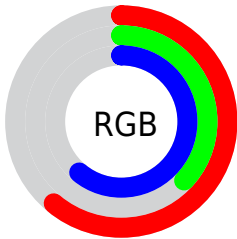
Format	Color
R_{YB}	156, 94, 156
Decimal	10247836
CIE _{Lab}	48.85, 35.25, -23.31
CIE _{LCh}	49, 42.261, 326.523
Yxy	17.4736, 0.3172, 0.2337
Android (android.graphics.Color)	4288437916 (0xFF9C5E9C)
YUV	119.6060, 17.9422, 31.9175
Hunter-Lab	41.8014, 28.1229, -18.3664

Details

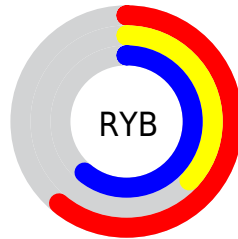
The Yxy color **17.4736, 0.3172, 0.2337** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.9707, 0.3072, 0.4471**, and the grayscale version is **18.5882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2580, 0.3172, 0.2532**, and **5.7803, 0.3146, 0.2003** is the 20% darker color. If you saturate the color by 10%, you get **14.9747, 0.3182, 0.2121**, and if you desaturate by 10%, it is **20.5349, 0.3161, 0.2571**.

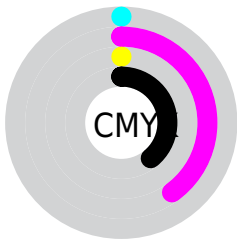
Distribution



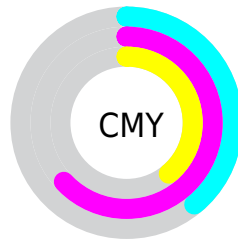
- Red (61%)
- Green (37%)
- Blue (61%)



- Red (61%)
- Yellow (37%)
- Blue (61%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (39%)





- Cyan (39%)
- Magenta (63%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4736, 0.3172, 0.2337 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 17.4736, 0.3172, 0.2337 by changing the saturation by 10% instead.


 17.4736, 0.3172,
0.2337


 17.4736, 0.3172,
0.2337


237.8870, 0.3161,
0.2850


 10.5727, 0.3169,
0.2197


 39.1383, 0.3172,
0.2532

 5.7803, 0.3160,
0.2012


 54.6709, 0.3170,
0.2603

 2.7120, 0.3138,
0.1754

 73.8495, 0.3169,
0.2661

 0.9833, 0.3082,
0.1381

 97.0586, 0.3167,
0.2711

 0.0000, 0.3171,
0.0000

124.6825, 0.3166,
0.2753

 0.0000, 0.0000,
0.0000

157.1056, 0.3164,

0.2790

194.7123, 0.3162,
0.2822

■ 17.4736, 0.3172,
0.2337

■ 17.4736, 0.3172,
0.2337

■ 14.9747, 0.3182,
0.2121

■ 20.5349, 0.3161,
0.2571

■ 13.0018, 0.3191,
0.1932

■ 24.1874, 0.3150,
0.2814

■ 11.5181, 0.3198,
0.1776


■ 28.4608, 0.3138,
0.3057

■ 10.4808, 0.3204,
0.1661


■ 33.3820, 0.3127,
0.3296


■ 9.8400, 0.3207,
0.1586

■ 38.9764, 0.3116,
0.3524


 9.4782, 0.3210,
0.1543

 45.2680, 0.3106,
0.3738

 9.4699, 0.3210,
0.1542

 52.2798, 0.3097,
0.3937

 60.0334, 0.3088,
0.4120

 68.5498, 0.3080,
0.4287

Harmonies

Analogous

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



17.4736, 0.2426, 0.2098



17.4736, 0.3172, 0.2337



17.4736, 0.4009, 0.2767

Triad

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



17.4736, 0.3172, 0.2337



17.4736, 0.4361, 0.4465



17.4736, 0.1833, 0.2982

Complementary

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



17.4736, 0.3172, 0.2337



26.9707, 0.3072, 0.4471

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.



17.4736, 0.2240, 0.3850



17.4736, 0.3172, 0.2337



17.4736, 0.3694, 0.4793

Square

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



17.4736, 0.3172, 0.2337



17.4736, 0.4725, 0.3909



17.4736, 0.2917, 0.4599



17.4736, 0.1739, 0.2376

Rectangle

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



17.4736, 0.3172, 0.2337



17.4736, 0.4457, 0.3124



17.4736, 0.2917, 0.4599



17.4736, 0.1933, 0.3254

Sweetspot

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



17.4744, 0.3172, 0.2337



49.6459, 0.3141, 0.2997



12.7842, 0.2414, 0.2111



10.7176, 0.3142, 0.2969



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



17.4744, 0.3172, 0.2337



27.5208, 0.3181, 0.2138



16.5546, 0.3603, 0.2785



6.7546, 0.3138, 0.3070



7.7982, 0.3210, 0.1542



0.1394, 0.3209, 0.1542

Inverse Universe

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



17.4744, 0.3172, 0.2337



27.5208, 0.3181, 0.2138



27.6433, 0.2825, 0.3865



6.7546, 0.3138, 0.3070



7.7982, 0.3210, 0.1542



0.1394, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 17.4736, 0.3172, 0.2337 looks on a white background.

Color Contrast Check

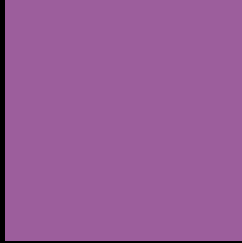
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4736, 0.3172, 0.2337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

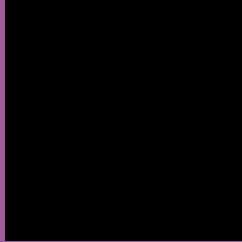
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4736, 0.3172, 0.2337

Background



This preview shows how black text looks on a background with the Yxy color 17.4736, 0.3172, 0.2337.



This preview shows how white text looks on a background with the Yxy color 17.4736, 0.3172, 0.2337.

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

17.4736, 0.3172, 0.2337

Protanopia

17.7814, 0.2380, 0.2286

Deuteranopia

17.7166, 0.2649, 0.2610



Tritanopia

17.5324, 0.3690, 0.3172

Trichromacy



Original Color

17.4736, 0.3172, 0.2337

Protanomaly

17.1201, 0.2612, 0.2280

Deuteranomaly

17.1753, 0.2818, 0.2487

Tritanomaly

17.3220, 0.3500, 0.2842

Monochromacy



Original Color

17.4736, 0.3172, 0.2337

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0489, 0.3146, 0.2898

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4736, 0.3172, 0.2337 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(156, 94, 156)` looks like.

```
.text, #text, p{  
  color:rgb(156, 94, 156)  
}
```

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(156, 94, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 94, 156) }
```

Border

The CSS property to change the border of an element to Yxy 17.4736, 0.3172, 0.2337 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(156, 94, 156) }
```

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

```
.border{ border-color:rgb(156, 94, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 94, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 94, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 94, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 94,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4736, 0.3172, 0.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 94, 156) }
```

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

```
.background{ background-color: rgb(156, 94,  
156) }
```

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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