

Converting Colors

$Y_{xy}(17.7497, 0.3240, 0.2492)$

Have a look what the booklet for
Yxy(17.7497, 0.3240, 0.2492)
contains.

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Color

Yxy(17.7435, 0.3245, 0.2499)

Conversions

Conversions Part 1

Format	Color
Hex	9A6294
RGB	154, 98, 148
RGB Percent	60%, 38%, 58%
CMY	0.3960, 0.6157, 0.4197
CMYK	0.00, 0.36, 0.04, 0.40
HSL	306°, 22%, 49%
HSV	306°, 36%, 60%
XYZ	23.0403, 17.7435, 30.2186
YIQ	120.4440, 17.3260, 27.4220

Conversions

Conversions Part 2

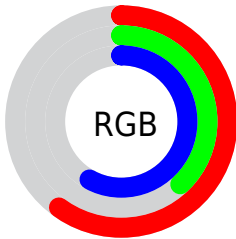
Format	Color
R_{YB}	154, 98, 148
Decimal	10117780
CIE _{Lab}	49.18, 30.80, -18.07
CIE _{LCh}	49, 35.707, 329.595
Yxy	17.7435, 0.3245, 0.2499
Android (android.graphics.Color)	4288307860 (0xFF9A6294)
YUV	120.4440, 13.5851, 29.4286
Hunter-Lab	42.1230, 23.9199, -13.0479

Details

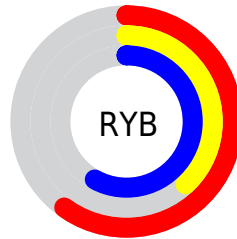
The Yxy color **17.7435, 0.3245, 0.2499** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.7135, 0.3028, 0.4236**, and the grayscale version is **18.8838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6323, 0.3223, 0.2669**, and **5.9691, 0.3282, 0.2232** is the 20% darker color. If you saturate the color by 10%, you get **15.0820, 0.3284, 0.2293**, and if you desaturate by 10%, it is **20.9619, 0.3208, 0.2717**.

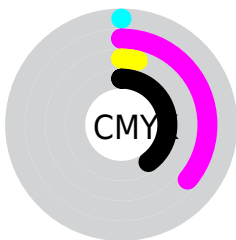
Distribution



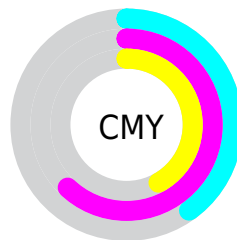
- Red (60%)
- Green (38%)
- Blue (58%)



- Red (60%)
- Yellow (38%)
- Blue (58%)



- Cyan (0%)
- Magenta (36%)
- Yellow (4%)
- Black (40%)




- Cyan (40%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7435, 0.3245, 0.2499 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 17.7435, 0.3245, 0.2499 by changing the saturation by 10% instead.


 17.7435, 0.3245,
0.2499


 17.7435, 0.3245,
0.2499


239.4213, 0.3188,
0.2930


 10.7660, 0.3258,
0.2379


 39.5998, 0.3225,
0.2665


 5.9097, 0.3272,
0.2216


 55.2473, 0.3217,
0.2724

 2.7903, 0.3287,
0.1986

 74.5537, 0.3211,
0.2774

 1.0232, 0.3294,
0.1638

 97.9032, 0.3205,
0.2815

 0.0000, 0.3609,
0.0000

125.6804, 0.3200,
0.2850

 0.0000, 0.0000,
0.0000

158.2695, 0.3195,

0.2881

196.0550, 0.3191,
0.2907

■ 17.7435, 0.3245,
0.2499

■ 17.7435, 0.3245,
0.2499

■ 15.0820, 0.3284,
0.2293

■ 20.9619, 0.3208,
0.2717

■ 12.9431, 0.3325,
0.2106

■ 24.7642, 0.3175,
0.2938

■ 11.2924, 0.3367,
0.1949


■ 29.1786, 0.3145,
0.3155

■ 10.0905, 0.3408,
0.1829


■ 34.2305, 0.3118,
0.3365


■ 9.2917, 0.3447,
0.1749


■ 39.9442, 0.3094,
0.3564

 8.8285, 0.3483,
0.1710

 46.3425, 0.3074,
0.3749

 8.6898, 0.3496,
0.1700

 53.4472, 0.3057,
0.3921

 61.2791, 0.3042,
0.4079

 69.8582, 0.3029,
0.4223

Harmonies

Analogous

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



17.7435, 0.2590, 0.2270



17.7435, 0.3245, 0.2499



17.7435, 0.3936, 0.2893

Triad

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



17.7435, 0.3245, 0.2499



17.7435, 0.4146, 0.4350



17.7435, 0.1994, 0.2981

Complementary

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



17.7435, 0.3245, 0.2499



26.7135, 0.3028, 0.4236

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.



17.7435, 0.2330, 0.3685



17.7435, 0.3245, 0.2499



17.7435, 0.3565, 0.4555

Square

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



17.7435, 0.3245, 0.2499



17.7435, 0.4472, 0.3902



17.7435, 0.2899, 0.4321



17.7435, 0.1932, 0.2481

Rectangle

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



17.7435, 0.3245, 0.2499



17.7435, 0.4289, 0.3214



17.7435, 0.2899, 0.4321



17.7435, 0.2076, 0.3201

Sweetspot

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



17.7443, 0.3245, 0.2499



48.9631, 0.3159, 0.3050



13.9880, 0.2547, 0.2245



10.8575, 0.3163, 0.3023



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.



17.7443, 0.3245, 0.2499



28.0495, 0.3278, 0.2322



16.9728, 0.3631, 0.2919



6.3122, 0.3153, 0.3094



7.0813, 0.3494, 0.1698



0.1087, 0.3352, 0.1620

Inverse Universe

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



17.7443, 0.3245, 0.2499



28.0495, 0.3278, 0.2322



27.3686, 0.2802, 0.3699



6.3122, 0.3153, 0.3094



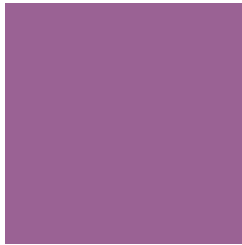
7.0813, 0.3494, 0.1698



0.1087, 0.3352, 0.1620

Previews

White Background



This preview shows how the Yxy color 17.7435, 0.3245, 0.2499 looks on a white background.

Color Contrast Check

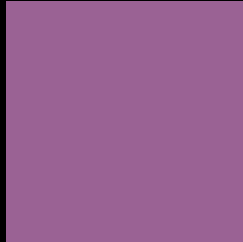
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7435, 0.3245, 0.2499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

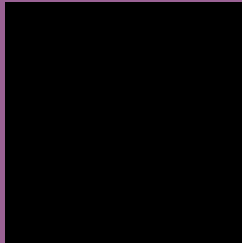
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7435, 0.3245, 0.2499

Background



This preview shows how black text looks on a background with the Yxy color 17.7435, 0.3245, 0.2499.



This preview shows how white text looks on a background with the Yxy color 17.7435, 0.3245, 0.2499.

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

17.7435, 0.3245, 0.2499

Protanopia

18.0070, 0.2532, 0.2480

Deuteranopia

17.9506, 0.2794, 0.2738



Tritanopia

17.7794, 0.3657, 0.3155

Trichromacy



Original Color

17.7435, 0.3245, 0.2499

Protanomaly

17.4752, 0.2755, 0.2469

Deuteranomaly

17.6797, 0.2944, 0.2640

Tritanomaly

17.5884, 0.3495, 0.2889

Monochromacy



Original Color

17.7435, 0.3245, 0.2499

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1056, 0.3168, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7435, 0.3245, 0.2499 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(154, 98, 148)` looks like.

```
.text, #text, p{  
    color:rgb(154, 98, 148)  
}
```

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(154, 98, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 98, 148) }
```

Border

The CSS property to change the border of an element to Yxy 17.7435, 0.3245, 0.2499 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(154, 98, 148) }
```

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

```
.border{ border-color:rgb(154, 98, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 98, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 98, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 98, 148); box-shadow:4px 4px 4px 4px rgb(154, 98, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7435, 0.3245, 0.2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 98, 148) }
```

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

```
.background{ background-color: rgb(154, 98,  
148) }
```

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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