

Converting Colors

$Y_{xy}(18.3713, 0.3203, 0.2482)$

Have a look what the booklet for
Yxy(18.3713, 0.3203, 0.2482)
contains.

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Color

Yxy(18.3499, 0.3205, 0.2477)

Conversions

Conversions Part 1

Format	Color
Hex	9B6498
RGB	155, 100, 152
RGB Percent	61%, 39%, 60%
CMY	0.3921, 0.6078, 0.4040
CMYK	0.00, 0.35, 0.02, 0.39
HSL	303°, 22%, 50%
HSV	303°, 35%, 61%
XYZ	23.7430, 18.3499, 31.9882
YIQ	122.3730, 16.0880, 27.8320

Conversions

Conversions Part 2

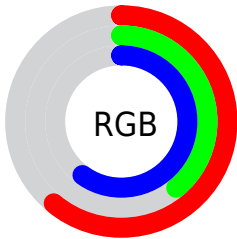
Format	Color
R_{YB}	155, 100, 152
Decimal	10183832
CIE _{Lab}	49.92, 30.77, -19.30
CIE _{LCh}	50, 36.323, 327.896
Yxy	18.3499, 0.3205, 0.2477
Android (android.graphics.Color)	4288373912 (0xFF9B6498)
YUV	122.3730, 14.6061, 28.6139
Hunter-Lab	42.8368, 23.9723, -14.2889

Details

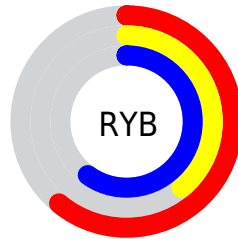
The Yxy color $18.3499, 0.3205, 0.2477$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.1369, 0.3054, 0.4265$, and the grayscale version is $19.5382, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.6143, 0.3195, 0.2651$, and $6.1908, 0.3220, 0.2184$ is the 20% darker color. If you saturate the color by 10%, you get $15.6268, 0.3230, 0.2261$, and if you desaturate by 10%, it is $21.6406, 0.3181, 0.2705$.

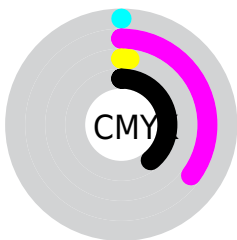
Distribution



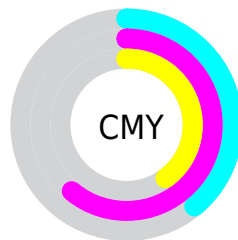
- Red (61%)
- Green (39%)
- Blue (60%)



- Red (61%)
- Yellow (39%)
- Blue (60%)



- Cyan (0%)
- Magenta (35%)
- Yellow (2%)
- Black (39%)





- Cyan (39%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3499, 0.3205, 0.2477 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 18.3499, 0.3205, 0.2477 by changing the saturation by 10% instead.


 18.3499, 0.3205,
0.2477


 18.3499, 0.3205,
0.2477


242.8359, 0.3171,
0.2917


 11.2015, 0.3210,
0.2355


 40.6326, 0.3195,
0.2646


 6.2025, 0.3214,
0.2192


 56.5358, 0.3190,
0.2706

 2.9686, 0.3214,
0.1963

 76.1259, 0.3186,
0.2756

 1.1154, 0.3196,
0.1621

 99.7875, 0.3183,
0.2799

 0.0000, 0.3481,
0.0000

127.9049, 0.3179,
0.2835

 0.0000, 0.0000,
0.0000

160.8625, 0.3176,

0.2866

199.0447, 0.3174,
0.2893

■ 18.3499, 0.3205,
0.2477

■ 18.3499, 0.3205,
0.2477

■ 15.6268, 0.3230,
0.2261

■ 21.6406, 0.3181,
0.2705

■ 13.4367, 0.3255,
0.2065

■ 25.5262, 0.3159,
0.2938

■ 11.7449, 0.3279,
0.1900


■ 30.0349, 0.3138,
0.3167


■ 10.5119, 0.3302,
0.1771


■ 35.1927, 0.3119,
0.3389

■ 9.6918, 0.3323,
0.1683

■ 41.0240, 0.3102,
0.3598


 9.2238, 0.3342,
0.1635

 47.5518, 0.3087,
0.3794

 9.0600, 0.3350,
0.1619

 54.7983, 0.3074,
0.3975

 62.7845, 0.3062,
0.4142

 71.5306, 0.3052,
0.4293

Harmonies

Analogous

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



18.3499, 0.2555, 0.2258



18.3499, 0.3205, 0.2477



18.3499, 0.3905, 0.2865

Triad

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



18.3499, 0.3205, 0.2477



18.3499, 0.4178, 0.4334



18.3499, 0.2000, 0.3015

Complementary

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



18.3499, 0.3205, 0.2477



27.1369, 0.3054, 0.4265

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.



18.3499, 0.2352, 0.3729



18.3499, 0.3205, 0.2477



18.3499, 0.3603, 0.4562

Square

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



18.3499, 0.3205, 0.2477



18.3499, 0.4487, 0.3876



18.3499, 0.2934, 0.4354



18.3499, 0.1922, 0.2498

Rectangle

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



18.3499, 0.3205, 0.2477



18.3499, 0.4272, 0.3185



18.3499, 0.2934, 0.4354



18.3499, 0.2087, 0.3240

Sweetspot

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



18.3507, 0.3205, 0.2477



49.0176, 0.3149, 0.3037



14.3501, 0.2533, 0.2266



10.8712, 0.3152, 0.3008



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.



18.3507, 0.3205, 0.2477



28.7182, 0.3226, 0.2295



17.5588, 0.3575, 0.2884



6.3178, 0.3145, 0.3082



7.2774, 0.3349, 0.1619



0.1103, 0.3281, 0.1581

Inverse Universe

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



18.3507, 0.3205, 0.2477



28.7182, 0.3226, 0.2295



27.7756, 0.2831, 0.3740



6.3178, 0.3145, 0.3082



7.2774, 0.3349, 0.1619



0.1103, 0.3281, 0.1581

Previews

White Background



This preview shows how the Yxy color 18.3499, 0.3205, 0.2477 looks on a white background.

Color Contrast Check

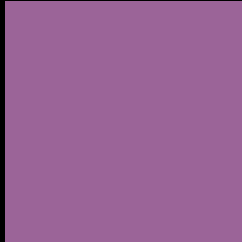
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3499, 0.3205, 0.2477 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 18.3499, 0.3205, 0.2477

Background



This preview shows how black text looks on a background with the Yxy color 18.3499, 0.3205, 0.2477.



This preview shows how white text looks on a background with the Yxy color 18.3499, 0.3205, 0.2477.

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

18.3499, 0.3205, 0.2477

Protanopia

18.4424, 0.2511, 0.2440

Deuteranopia

18.5373, 0.2756, 0.2710



Tritanopia

18.2604, 0.3607, 0.3138

Trichromacy



Original Color

18.3499, 0.3205, 0.2477

Protanomaly

18.1179, 0.2729, 0.2448

Deuteranomaly

18.3167, 0.2913, 0.2616

Tritanomaly

18.1610, 0.3462, 0.2876

Monochromacy



Original Color

18.3499, 0.3205, 0.2477

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.7964, 0.3156, 0.2954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3499, 0.3205, 0.2477 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(155, 100, 152)` looks like.

```
.text, #text, p{  
    color:rgb(155, 100, 152)  
}
```

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(155, 100, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 100, 152) }
```

Border

The CSS property to change the border of an element to Yxy 18.3499, 0.3205, 0.2477 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(155, 100, 152) }
```

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

```
.border{ border-color:rgb(155, 100, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 100, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 100, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 100, 152);  
box-shadow:4px 4px 4px 4px rgb(155, 100,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3499, 0.3205, 0.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 100, 152) }
```

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

```
.background{ background-color: rgb(155,  
100, 152) }
```

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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