

Converting Colors

$Yxy(17.9962, 0.2346, 0.1632)$

Have a look what the booklet for
Yxy(17.9962, 0.2346, 0.1632)
contains.

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Color

Yxy(17.9962, 0.2346, 0.1632)

Conversions

Conversions Part 1

Format	Color
Hex	845FD7
RGB	132, 95, 215
RGB Percent	52%, 37%, 84%
CMY	0.4825, 0.6274, 0.1568
CMYK	0.39, 0.56, 0.00, 0.16
HSL	258°, 60%, 61%
HSV	258°, 56%, 84%
XYZ	25.8695, 17.9962, 66.4051
YIQ	119.7430, -16.4680, 45.1640

Conversions

Conversions Part 2

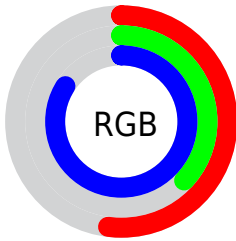
Format	Color
R_{YB}	132, 95, 215
Decimal	8675287
CIE _{Lab}	49.49, 41.74, -56.69
CIE _{LCh}	49, 70.399, 306.363
Yxy	17.9962, 0.2346, 0.1632
Android (android.graphics.Color)	4286865367 (0xFF845FD7)
YUV	119.7430, 46.9617, 10.7494
Hunter-Lab	42.4219, 34.6136, -63.1142

Details

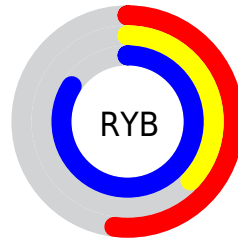
The Yxy color **17.9962, 0.2346, 0.1632** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **58.9041, 0.3623, 0.4770**, and the grayscale version is **18.5475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9063, 0.2633, 0.2071**, and **6.0727, 0.2061, 0.1220** is the 20% darker color. If you saturate the color by 10%, you get **13.5276, 0.2175, 0.1335**, and if you desaturate by 10%, it is **23.7060, 0.2516, 0.1950**.

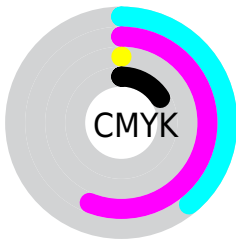
Distribution



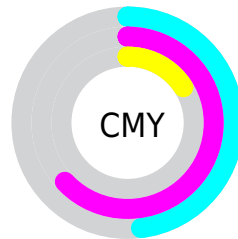
- Red (52%)
- Green (37%)
- Blue (84%)



- Red (52%)
- Yellow (37%)
- Blue (84%)



- Cyan (39%)
- Magenta (56%)
- Yellow (0%)
- Black (16%)




- Cyan (48%)
- Magenta (63%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.9962, 0.2346, 0.1632 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 17.9962, 0.2346, 0.1632 by changing the saturation by 10% instead.


 17.9962, 0.2346,
0.1632

 17.9962, 0.2346,
0.1632


240.8496, 0.2796,
0.2454


 10.9473, 0.2220,
0.1441


 40.0309, 0.2521,
0.1922

 6.0314, 0.2052,
0.1210


 55.7853, 0.2584,
0.2034

 2.8642, 0.1824,
0.0931

 75.2105, 0.2635,
0.2130

 1.0612, 0.1507,
0.0603

 98.6907, 0.2678,
0.2213

 0.0000, 0.1096,
0.0000

126.6103, 0.2714,
0.2285

 0.0000, 0.0000,
0.0000

159.3537, 0.2745,

0.2348

197.3054, 0.2772,
0.2404

■ 17.9962, 0.2346,
0.1632

■ 17.9962, 0.2346,
0.1632

■ 13.5276, 0.2175,
0.1335

■ 23.7060, 0.2516,
0.1950

■ 10.2006, 0.2011,
0.1080

■ 30.7418, 0.2676,
0.2273

■ 7.9032, 0.1865,
0.0883

■ 39.1831, 0.2823,
0.2585

■ 6.4970, 0.1746,
0.0753

■ 49.1025, 0.2954,
0.2878

■ 6.0719, 0.1703,
0.0712

■ 60.5675, 0.3068,
0.3146

■ 73.6413, 0.3167,
0.3388

■ 88.3836, 0.3250,
0.3604

■ 96.9376, 0.3337,
0.3684

■ 97.6867, 0.3363,
0.3681

Harmonies

Analogous

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



17.9962, 0.1549, 0.1502



17.9962, 0.2346, 0.1632



17.9962, 0.3605, 0.2046

Triad

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



17.9962, 0.2346, 0.1632



17.9962, 0.5381, 0.4254



17.9962, 0.1479, 0.3656

Complementary

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



17.9962, 0.2346, 0.1632



58.9041, 0.3623, 0.4770

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.



17.9962, 0.2302, 0.5274



17.9962, 0.2346, 0.1632



17.9962, 0.4519, 0.5171

Square

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



17.9962, 0.2346, 0.1632



17.9962, 0.5639, 0.3426



17.9962, 0.3414, 0.5805



17.9962, 0.1133, 0.2335

Rectangle

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



17.9962, 0.2346, 0.1632



17.9962, 0.4544, 0.2454



17.9962, 0.3414, 0.5805



17.9962, 0.1701, 0.4224

Sweetspot

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



17.9968, 0.2346, 0.1632



70.1392, 0.2937, 0.2839



39.5852, 0.2317, 0.2770



14.3536, 0.2912, 0.2781



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



17.9968, 0.2346, 0.1632



18.8815, 0.2144, 0.1285



24.1720, 0.2934, 0.1874



12.1923, 0.3029, 0.3052



3.6807, 0.1717, 0.0719



0.2652, 0.1907, 0.0824

Inverse Universe

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



25.8529, 0.3617, 0.2328



31.9071, 0.3765, 0.2179



53.3545, 0.3185, 0.5002



12.5646, 0.3184, 0.3130



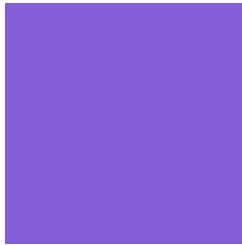
9.9550, 0.4169, 0.2070



0.6149, 0.3964, 0.1957

Previews

White Background



This preview shows how the Yxy color 17.9962, 0.2346, 0.1632 looks on a white background.

Color Contrast Check

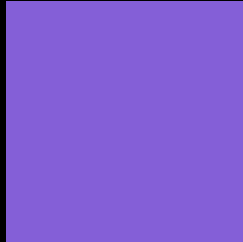
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9962, 0.2346, 0.1632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

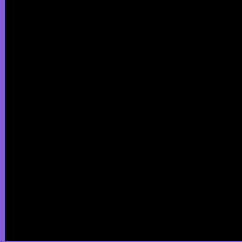
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9962, 0.2346, 0.1632

Background



This preview shows how black text looks on a background with the Yxy color 17.9962, 0.2346, 0.1632.



This preview shows how white text looks on a background with the Yxy color 17.9962, 0.2346, 0.1632.

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

17.9962, 0.2346, 0.1632

Protanopia

18.4261, 0.1797, 0.1520

Deuteranopia

18.1228, 0.1870, 0.1806



Tritanopia

17.9339, 0.2951, 0.3115

Trichromacy



Original Color

17.9962, 0.2346, 0.1632

Protanomaly

17.4945, 0.1906, 0.1521

Deuteranomaly

17.0986, 0.1950, 0.1686

Tritanomaly

17.5770, 0.2693, 0.2435

Monochromacy



Original Color

17.9962, 0.2346, 0.1632

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0205, 0.2790, 0.2525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9962, 0.2346, 0.1632 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(132, 95, 215)` looks like.

```
.text, #text, p{  
    color:rgb(132, 95, 215)  
}
```

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(132, 95, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 95, 215) }
```

Border

The CSS property to change the border of an element to Yxy 17.9962, 0.2346, 0.1632 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(132, 95, 215) }
```

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

```
.border{ border-color:rgb(132, 95, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 95, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 95, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 95, 215);  
box-shadow:4px 4px 4px 4px rgb(132, 95,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9962, 0.2346, 0.1632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 95, 215) }
```

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

```
.background{ background-color: rgb(132, 95,  
215) }
```

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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