

Converting Colors

$Yxy(17.0317, 0.2322, 0.1541)$

Have a look what the booklet for
Yxy(17.0317, 0.2322, 0.1541)
contains.

Yxy(17.0600, 0.2323, 0.1547)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.0600, 0.2323, 0.1547)

Conversions

Conversions Part 1

Format	Color
Hex	8459D9
RGB	132, 89, 217
RGB Percent	52%, 35%, 85%
CMY	0.4822, 0.6511, 0.1489
CMYK	0.39, 0.59, 0.00, 0.15
HSL	260°, 63%, 60%
HSV	260°, 59%, 85%
XYZ	25.6176, 17.0600, 67.6004
YIQ	116.4490, -15.4600, 48.9240

Conversions

Conversions Part 2

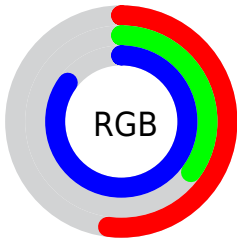
Format	Color
R _Y B	132, 89, 217
Decimal	8673753
CIE Lab	48.34, 45.67, -59.70
CIE LCh	48, 75.160, 307.416
Yxy	17.0600, 0.2323, 0.1547
Android (android.graphics.Color)	4286863833 (0xFF8459D9)
YUV	116.4490, 49.5716, 13.6382
Hunter-Lab	41.3038, 38.4284, -68.1252

Details

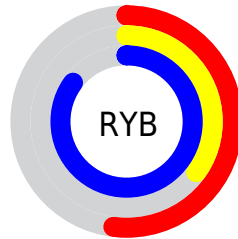
The Yxy color **17.0600, 0.2323, 0.1547** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **59.3511, 0.3612, 0.4865**, and the grayscale version is **17.4586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.0886, 0.2627, 0.2006**, and **5.5866, 0.2021, 0.1119** is the 20% darker color. If you saturate the color by 10%, you get **12.8839, 0.2157, 0.1265**, and if you desaturate by 10%, it is **22.4618, 0.2489, 0.1857**.

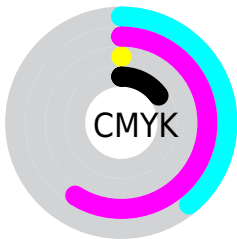
Distribution



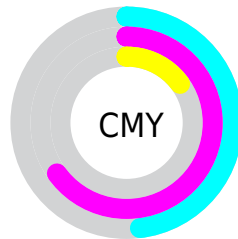
- Red (52%)
- Green (35%)
- Blue (85%)



- Red (52%)
- Yellow (35%)
- Blue (85%)



- Cyan (39%)
- Magenta (59%)
- Yellow (0%)
- Black (15%)




- Cyan (48%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0600, 0.2323, 0.1547 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 17.0600, 0.2323, 0.1547 by changing the saturation by 10% instead.

 17.0600, 0.2323,
0.1547


 17.0600, 0.2323,
0.1547


235.5179, 0.2790,
0.2405


 10.2773, 0.2192,
0.1351


 38.4289, 0.2505,
0.1848


 5.5832, 0.2018,
0.1116


 53.7839, 0.2570,
0.1965


 2.5933, 0.1782,
0.0837

 72.7651, 0.2623,
0.2065

 0.9233, 0.1457,
0.0518

 95.7569, 0.2668,
0.2152

 0.0000, 0.1033,
0.0000

 123.1436, 0.2705,
0.2227

 0.0000, 0.0000,
0.0000

155.3098, 0.2738,

0.2294

192.6398, 0.2765,
0.2352

■ 17.0600, 0.2323,
0.1547

■ 17.0600, 0.2323,
0.1547

■ 12.8839, 0.2157,
0.1265

■ 22.4618, 0.2489,
0.1857

■ 9.8286, 0.2001,
0.1029

■ 29.1787, 0.2647,
0.2176

■ 7.7737, 0.1863,
0.0854

■ 37.2934, 0.2793,
0.2490

■ 6.5302, 0.1750,
0.0742

■ 46.8812, 0.2923,
0.2788

■ 6.4259, 0.1740,
0.0732

■ 58.0120, 0.3038,
0.3064

■ 70.7512, 0.3136,
0.3314

■ 85.1602, 0.3220,
0.3538

■ 96.3543, 0.3301,
0.3667

■ 97.7907, 0.3351,
0.3661

Harmonies

Analogous

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



17.0600, 0.1475, 0.1400



17.0600, 0.2323, 0.1547



17.0600, 0.3688, 0.1985

Triad

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



17.0600, 0.2323, 0.1547



17.0600, 0.5475, 0.4280



17.0600, 0.1341, 0.3608

Complementary

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



17.0600, 0.2323, 0.1547



59.3511, 0.3612, 0.4865

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.



17.0600, 0.2175, 0.5431



17.0600, 0.2323, 0.1547



17.0600, 0.4519, 0.5290

Square

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



17.0600, 0.2323, 0.1547



17.0600, 0.5827, 0.3416



17.0600, 0.3335, 0.6020



17.0600, 0.1016, 0.2211

Rectangle

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



17.0600, 0.2323, 0.1547



17.0600, 0.4709, 0.2414



17.0600, 0.3335, 0.6020



17.0600, 0.1561, 0.4236

Sweetspot

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



17.0606, 0.2323, 0.1547



68.8026, 0.2934, 0.2812



37.5371, 0.2265, 0.2670



13.7983, 0.2897, 0.2727



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.



17.0606, 0.2323, 0.1547



17.2473, 0.2115, 0.1197



23.8452, 0.2964, 0.1822



12.8288, 0.3033, 0.3052



3.9413, 0.1753, 0.0740



0.3017, 0.1935, 0.0840

Inverse Universe

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



24.9510, 0.3704, 0.2320



30.0516, 0.3884, 0.2184



53.6917, 0.3156, 0.5121



13.1965, 0.3189, 0.3136



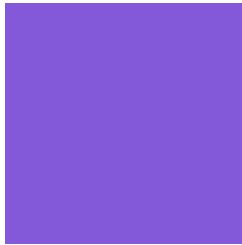
10.1700, 0.4279, 0.2131



0.6747, 0.4061, 0.2011

Previews

White Background



This preview shows how the Yxy color 17.0600, 0.2323, 0.1547 looks on a white background.

Color Contrast Check

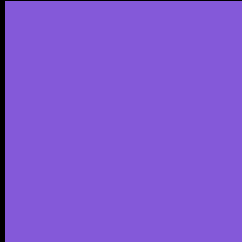
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0600, 0.2323, 0.1547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

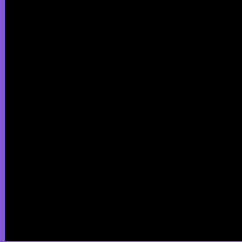
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0600, 0.2323, 0.1547

Background



This preview shows how black text looks on a background with the Yxy color 17.0600, 0.2323, 0.1547.



This preview shows how white text looks on a background with the Yxy color 17.0600, 0.2323, 0.1547.

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

17.0600, 0.2323, 0.1547

Protanopia

17.1500, 0.1735, 0.1447

Deuteranopia

17.1788, 0.1833, 0.1799



Tritanopia

17.0962, 0.2972, 0.3112

Trichromacy



Original Color

17.0600, 0.2323, 0.1547



Protanomaly

15.7326, 0.1798, 0.1416



Deuteranomaly

15.7969, 0.1867, 0.1629



Tritanomaly

16.6986, 0.2697, 0.2379

Monochromacy



Original Color

17.0600, 0.2323, 0.1547



Achromatopsia

17.4647, 0.3127, 0.3290



Achromatomaly

16.7456, 0.2782, 0.2461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0600, 0.2323, 0.1547 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, 89, 217)` looks like.

```
.text, #text, p{  
    color:rgb(132, 89, 217)  
}
```

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, 89, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 89, 217) }
```

Border

The CSS property to change the border of an element to Yxy 17.0600, 0.2323, 0.1547 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, 89, 217) }
```

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

```
.border{ border-color:rgb(132, 89, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 89, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 89, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 89, 217);  
box-shadow:4px 4px 4px 4px rgb(132, 89,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0600, 0.2323, 0.1547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 89, 217) }
```

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

```
.background{ background-color: rgb(132, 89,  
217) }
```

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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