

Converting Colors

$Y_{xy}(17.1425, 0.3055, 0.2277)$

Have a look what the booklet for
Yxy(17.1425, 0.3055, 0.2277)
contains.

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Color

Yxy(17.2065, 0.3045, 0.2276)

Conversions

Conversions Part 1

Format	Color
Hex	965FA0
RGB	150, 95, 160
RGB Percent	59%, 37%, 63%
CMY	0.4116, 0.6275, 0.3725
CMYK	0.06, 0.41, 0.00, 0.37
HSL	291°, 26%, 50%
HSV	291°, 41%, 63%
XYZ	23.0201, 17.2065, 35.3731
YIQ	118.8550, 11.9150, 31.8750

Conversions

Conversions Part 2

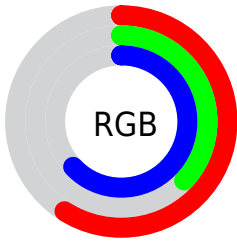
Format	Color
R_{YB}	150, 95, 160
Decimal	9854880
CIE _{Lab}	48.52, 33.57, -26.25
CIE _{LCh}	49, 42.613, 321.976
Yxy	17.2065, 0.3045, 0.2276
Android (android.graphics.Color)	4288044960 (0xFF965FA0)
YUV	118.8550, 20.2845, 27.3142
Hunter-Lab	41.4807, 26.4690, -21.5237

Details

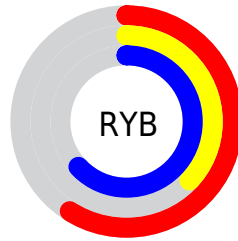
The Yxy color **17.2065, 0.3045, 0.2276** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.9750, 0.3159, 0.4473**, and the grayscale version is **18.3319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7529, 0.3071, 0.2486**, and **5.6334, 0.2990, 0.1931** is the 20% darker color. If you saturate the color by 10%, you get **14.3843, 0.3015, 0.2038**, and if you desaturate by 10%, it is **20.6271, 0.3071, 0.2527**.

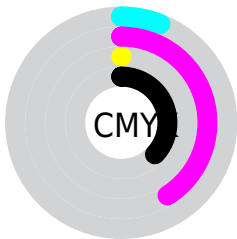
Distribution



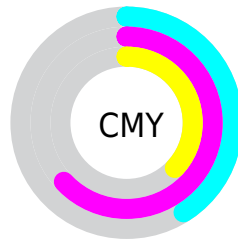
- Red (59%)
- Green (37%)
- Blue (63%)



- Red (59%)
- Yellow (37%)
- Blue (63%)



- Cyan (6%)
- Magenta (41%)
- Yellow (0%)
- Black (37%)





- Cyan (41%)
- Magenta (63%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2065, 0.3045, 0.2276 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 17.2065, 0.3045, 0.2276 by changing the saturation by 10% instead.


 17.2065, 0.3045,
0.2276


 17.2065, 0.3045,
0.2276


236.3596, 0.3107,
0.2821


 10.3818, 0.3020,
0.2128


 38.6805, 0.3074,
0.2483


 5.6529, 0.2980,
0.1933


 54.0986, 0.3083,
0.2558

 2.6352, 0.2912,
0.1664

 73.1499, 0.3090,
0.2620

 0.9444, 0.2783,
0.1280

 96.2190, 0.3095,
0.2673

 0.0000, 0.2655,
0.0000

123.6901, 0.3099,
0.2718

 0.0000, 0.0000,
0.0000

155.9476, 0.3102,

0.2757

193.3760, 0.3105,
0.2791

■ 17.2065, 0.3045,
0.2276

■ 17.2065, 0.3045,
0.2276

■ 14.3843, 0.3015,
0.2038

■ 20.6271, 0.3071,
0.2527

■ 12.1218, 0.2980,
0.1823

■ 24.6775, 0.3094,
0.2782

■ 10.3792, 0.2943,
0.1640


■ 29.3892, 0.3112,
0.3033


■ 9.1104, 0.2905,
0.1496

■ 34.7912, 0.3126,
0.3275


■ 8.2610, 0.2865,
0.1396


■ 40.9106, 0.3137,
0.3503

 7.7264, 0.2828,
0.1331

 47.7733, 0.3146,
0.3716

 55.4035, 0.3152,
0.3911

 63.8246, 0.3156,
0.4090

 73.0590, 0.3158,
0.4252

Harmonies

Analogous

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



17.2065, 0.2324, 0.2069



17.2065, 0.3045, 0.2276



17.2065, 0.3898, 0.2685

Triad

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



17.2065, 0.3045, 0.2276



17.2065, 0.4455, 0.4399



17.2065, 0.1859, 0.3098

Complementary

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



17.2065, 0.3045, 0.2276



28.9750, 0.3159, 0.4473

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.



17.2065, 0.2317, 0.3994



17.2065, 0.3045, 0.2276



17.2065, 0.3813, 0.4789

Square

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



17.2065, 0.3045, 0.2276



17.2065, 0.4761, 0.3822



17.2065, 0.3031, 0.4691



17.2065, 0.1719, 0.2434

Rectangle

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



17.2065, 0.3045, 0.2276



17.2065, 0.4387, 0.3035



17.2065, 0.3031, 0.4691



17.2065, 0.1977, 0.3386

Sweetspot

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



17.2072, 0.3045, 0.2276



51.9069, 0.3109, 0.2994



15.2425, 0.2425, 0.2282



11.1508, 0.3107, 0.2964



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.2072, 0.3045, 0.2276



26.4346, 0.3017, 0.2054



17.5019, 0.3461, 0.2611



6.7030, 0.3114, 0.3068



6.0327, 0.2832, 0.1334



0.1205, 0.2993, 0.1423

Inverse Universe

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



16.6764, 0.3968, 0.3130



25.4251, 0.4273, 0.3097



28.8560, 0.2903, 0.4090



6.6619, 0.3261, 0.3256



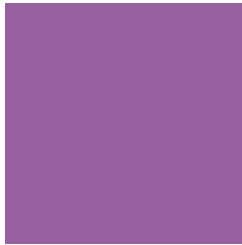
5.8795, 0.6148, 0.3160



0.1092, 0.5353, 0.2722

Previews

White Background



This preview shows how the Yxy color 17.2065, 0.3045, 0.2276 looks on a white background.

Color Contrast Check

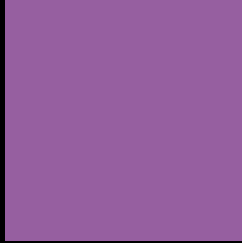
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2065, 0.3045, 0.2276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

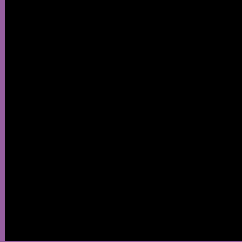
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2065, 0.3045, 0.2276

Background



This preview shows how black text looks on a background with the Yxy color 17.2065, 0.3045, 0.2276.



This preview shows how white text looks on a background with the Yxy color 17.2065, 0.3045, 0.2276.

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

17.2065, 0.3045, 0.2276

Protanopia

17.5095, 0.2330, 0.2221

Deuteranopia

17.3780, 0.2570, 0.2519



Tritanopia

17.2247, 0.3573, 0.3150

Trichromacy



Original Color

17.2065, 0.3045, 0.2276

Protanomaly

16.9951, 0.2535, 0.2215

Deuteranomaly

17.0147, 0.2731, 0.2416

Tritanomaly

17.0301, 0.3373, 0.2797

Monochromacy



Original Color

17.2065, 0.3045, 0.2276

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.6189, 0.3096, 0.2858

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2065, 0.3045, 0.2276 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(150, 95, 160)` looks like.

```
.text, #text, p{  
    color:rgb(150, 95, 160)  
}
```

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(150, 95, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 95, 160) }
```

Border

The CSS property to change the border of an element to Yxy 17.2065, 0.3045, 0.2276 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(150, 95, 160) }
```

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

```
.border{ border-color:rgb(150, 95, 160) }
```

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

Here you see how a box with a 4 pixel rgb(150, 95, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 95, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 95, 160);  
box-shadow:4px 4px 4px 4px rgb(150, 95,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2065, 0.3045, 0.2276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 95, 160) }
```

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

```
.background{ background-color: rgb(150, 95,  
160) }
```

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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