

Converting Colors

$Yxy(16.9540, 0.3327, 0.2762)$

Have a look what the booklet for
Yxy(16.9540, 0.3327, 0.2762)
contains.

| | |
|---|----|
| Yxy(16.9930, 0.3332, 0.2762) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(16.9930, 0.3332, 0.2762)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 916584 |
| RGB | 145, 101, 132 |
| RGB Percent | 57%, 40%, 52% |
| CMY | 0.4312, 0.6040, 0.4823 |
| CMYK | 0.00, 0.30, 0.09, 0.43 |
| HSL | 318°, 18%, 48% |
| HSV | 318°, 30%, 57% |
| XYZ | 20.4999, 16.9930, 24.0314 |
| YIQ | 117.6900, 16.2730, 18.9690 |

Conversions

Conversions Part 2

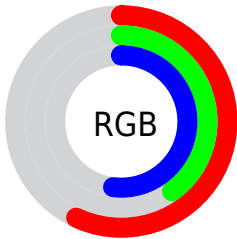
| Format | Color |
|-------------------------------------|--|
| RYB | 145, 101, 132 |
| Decimal | 9528708 |
| CIELab | 48.25, 22.91, -10.09 |
| CIELCh | 48, 25.030, 336.233 |
| Yxy | 16.9930, 0.3332, 0.2762 |
| Android (android.graphics.Color) | 4287718788 (0xFF916584) |
| YUV | 117.6900, 7.0548, 23.9509 |
| Hunter-Lab | 41.2226, 16.6281, -5.7083 |

Details

The Yxy color **16.9930, 0.3332, 0.2762** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.2416, 0.2970, 0.3885**, and the grayscale version is **17.9893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1014, 0.3283, 0.2873**, and **5.5504, 0.3408, 0.2539** is the 20% darker color. If you saturate the color by 10%, you get **14.3070, 0.3421, 0.2586**, and if you desaturate by 10%, it is **20.1824, 0.3254, 0.2940**.

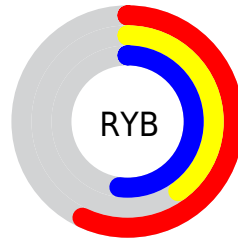
Distribution



Red (57%)

Green (40%)

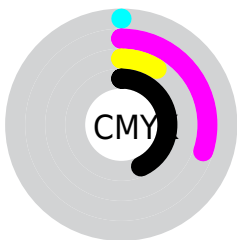
Blue (52%)



Red (57%)

Yellow (40%)

Blue (52%)

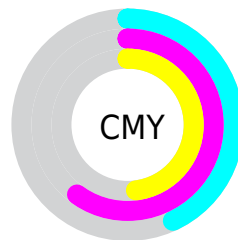


Cyan (0%)

Magenta (30%)

Yellow (9%)

Black (43%)



Cyan (43%)


Magenta (60%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.9930, 0.3332, 0.2762 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 16.9930, 0.3332, 0.2762 by changing the saturation by 10% instead.


 16.9930, 0.3332,
0.2762


 16.9930, 0.3332,
0.2762


235.1320, 0.3218,
0.3058


 10.2295, 0.3365,
0.2675


 38.3137, 0.3287,
0.2879


 5.5514, 0.3411,
0.2554


 53.6398, 0.3272,
0.2920

 2.5743, 0.3478,
0.2374

 72.5888, 0.3259,
0.2953

 0.9137, 0.3585,
0.2081

 95.5451, 0.3248,
0.2981

 0.0000, 0.4314,
0.0000

122.8932, 0.3239,
0.3005

 0.0000, 0.0000,
0.0000

155.0175, 0.3231,

0.3025

192.3023, 0.3224,
0.3043

■ 16.9930, 0.3332,
0.2762

■ 16.9930, 0.3332,
0.2762

■ 14.3070, 0.3421,
0.2586

■ 20.1824, 0.3254,
0.2940

■ 12.0958, 0.3521,
0.2420

■ 23.8971, 0.3187,
0.3116

■ 10.3317, 0.3631,
0.2273


■ 28.1606, 0.3129,
0.3284

■ 8.9829, 0.3749,
0.2154


■ 32.9942, 0.3080,
0.3443


■ 8.0137, 0.3870,
0.2074


■ 38.4182, 0.3039,
0.3592

 7.3821, 0.3992,
0.2039

 44.4517, 0.3005,
0.3729

 6.9847, 0.4109,
0.2037

 51.1131, 0.2976,
0.3856

 58.4200, 0.2952,
0.3973

 66.3892, 0.2932,
0.4080

Harmonies

Analogous

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



16.9930, 0.2841, 0.2557



16.9930, 0.3332, 0.2762



16.9930, 0.3796, 0.3085

Triad

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



16.9930, 0.3332, 0.2762



16.9930, 0.3797, 0.4115



16.9930, 0.2265, 0.2991

Complementary

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



16.9930, 0.3332, 0.2762



24.2416, 0.2970, 0.3885

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.



16.9930, 0.2482, 0.3463



16.9930, 0.3332, 0.2762



16.9930, 0.3357, 0.4164

Square

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



16.9930, 0.3332, 0.2762



16.9930, 0.4067, 0.3844



16.9930, 0.2875, 0.3920



16.9930, 0.2259, 0.2657

Rectangle

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



16.9930, 0.3332, 0.2762



16.9930, 0.4010, 0.3339



16.9930, 0.2875, 0.3920



16.9930, 0.2315, 0.3138

Sweetspot

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



16.9938, 0.3332, 0.2762



43.6251, 0.3179, 0.3136



14.8921, 0.2758, 0.2469



9.4946, 0.3187, 0.3113



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



16.9938, 0.3332, 0.2762



27.2489, 0.3388, 0.2649



16.4650, 0.3638, 0.3123



5.4842, 0.3179, 0.3136



5.9929, 0.4102, 0.2033



0.0612, 0.3617, 0.1766

Inverse Universe

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



16.9938, 0.3332, 0.2762



27.2489, 0.3388, 0.2649



24.7894, 0.2782, 0.3466



5.4842, 0.3179, 0.3136



5.9929, 0.4102, 0.2033



0.0612, 0.3617, 0.1766

Previews

White Background



This preview shows how the Yxy color 16.9930, 0.3332, 0.2762 looks on a white background.

Color Contrast Check

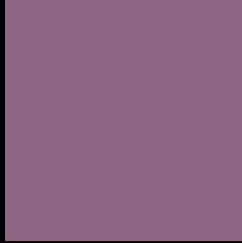
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9930, 0.3332, 0.2762 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 16.9930, 0.3332, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 16.9930, 0.3332, 0.2762.



This preview shows how white text looks on a background with the Yxy color 16.9930, 0.3332, 0.2762.

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

16.9930, 0.3332, 0.2762

Protanopia

17.2089, 0.2765, 0.2777

Deuteranopia

17.1220, 0.3002, 0.2949



Tritanopia

17.1350, 0.3558, 0.3150

Trichromacy



Original Color

16.9930, 0.3332, 0.2762

Protanomaly

16.9098, 0.2947, 0.2756

Deuteranomaly

16.9530, 0.3107, 0.2869

Tritanomaly

17.1860, 0.3477, 0.3011

Monochromacy



Original Color

16.9930, 0.3332, 0.2762

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.6076, 0.3203, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9930, 0.3332, 0.2762 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(145, 101, 132)` looks like.

```
.text, #text, p{  
    color:rgb(145, 101, 132)  
}
```

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(145, 101, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 101, 132) }
```

Border

The CSS property to change the border of an element to Yxy 16.9930, 0.3332, 0.2762 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(145, 101, 132) }
```

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

```
.border{ border-color:rgb(145, 101, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 101, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 101, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 101, 132);  
box-shadow:4px 4px 4px 4px rgb(145, 101,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9930, 0.3332, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 101, 132) }
```

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

```
.background{ background-color: rgb(145,  
101, 132) }
```

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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