

Converting Colors

$Y_{xy}(17.4446, 0.3448, 0.2466)$

Have a look what the booklet for
Yxy(17.4446, 0.3448, 0.2466)
contains.

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Color

Yxy(17.3560, 0.3445, 0.2462)

Conversions

Conversions Part 1

Format	Color
Hex	A55A91
RGB	165, 90, 145
RGB Percent	65%, 35%, 57%
CMY	0.3529, 0.6471, 0.4314
CMYK	0.00, 0.45, 0.12, 0.35
HSL	316°, 29%, 50%
HSV	316°, 45%, 65%
XYZ	24.2857, 17.3560, 28.8538
YIQ	118.6950, 27.0450, 33.0050

Conversions

Conversions Part 2

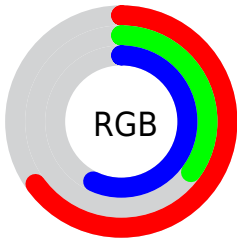
Format	Color
R_{YB}	165, 90, 145
Decimal	10836625
CIE _{Lab}	48.71, 38.38, -16.90
CIE _{LCh}	49, 41.933, 336.230
Yxy	17.3560, 0.3445, 0.2462
Android (android.graphics.Color)	4289026705 (0xFFA55A91)
YUV	118.6950, 12.9684, 40.6095
Hunter-Lab	41.6605, 31.1494, -11.9015

Details

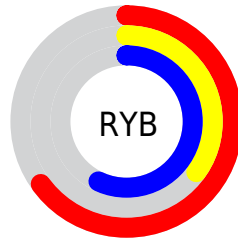
The Yxy color **17.3560, 0.3445, 0.2462** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **30.2157, 0.2918, 0.4303**, and the grayscale version is **18.2986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8417, 0.3375, 0.2632**, and **5.7052, 0.3558, 0.2174** is the 20% darker color. If you saturate the color by 10%, you get **14.7422, 0.3541, 0.2298**, and if you desaturate by 10%, it is **20.5946, 0.3358, 0.2641**.

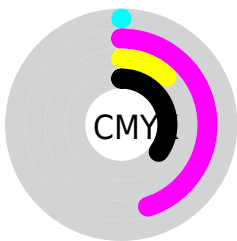
Distribution



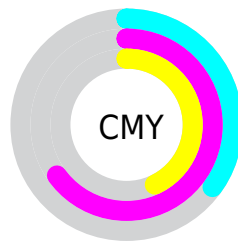
- Red (65%)
- Green (35%)
- Blue (57%)



- Red (65%)
- Yellow (35%)
- Blue (57%)



- Cyan (0%)
- Magenta (45%)
- Yellow (12%)
- Black (35%)





- Cyan (35%)
- Magenta (65%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3560, 0.3445, 0.2462 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 17.3560, 0.3445, 0.2462 by changing the saturation by 10% instead.


 17.3560, 0.3445,
0.2462


 17.3560, 0.3445,
0.2462


237.2156, 0.3274,
0.2913


 10.4886, 0.3491,
0.2337


 38.9369, 0.3380,
0.2635


 5.7241, 0.3553,
0.2168


 54.4191, 0.3357,
0.2697

 2.6781, 0.3639,
0.1930

 73.5418, 0.3337,
0.2749

 0.9661, 0.3762,
0.1572

 96.6894, 0.3321,
0.2792

 0.0000, 0.4381,
0.0000

124.2461, 0.3306,
0.2829

 0.0000, 0.0000,
0.0000

156.5965, 0.3294,

0.2860

194.1249, 0.3284,
0.2888

■ 17.3560, 0.3445,
0.2462

■ 17.3560, 0.3445,
0.2462

■ 14.7422, 0.3541,
0.2298

■ 20.5946, 0.3358,
0.2641

■ 12.7093, 0.3644,
0.2160

■ 24.4933, 0.3281,
0.2827

■ 11.2118, 0.3752,
0.2057


■ 29.0875, 0.3213,
0.3014


■ 10.1959, 0.3861,
0.1998

■ 34.4093, 0.3155,
0.3195


■ 9.5928, 0.3967,
0.1985


■ 40.4890, 0.3106,
0.3367

 9.3807, 0.4016,
0.1986

 47.3551, 0.3064,
0.3529

 55.0346, 0.3029,
0.3680

 63.5531, 0.2999,
0.3819

 72.9353, 0.2975,
0.3947

Harmonies

Analogous

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



17.3560, 0.2646, 0.2157



17.3560, 0.3445, 0.2462



17.3560, 0.4240, 0.2937

Triad

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



17.3560, 0.3445, 0.2462



17.3560, 0.4165, 0.4604



17.3560, 0.1775, 0.2753

Complementary

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



17.3560, 0.3445, 0.2462



30.2157, 0.2918, 0.4303

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.



17.3560, 0.2079, 0.3556



17.3560, 0.3445, 0.2462



17.3560, 0.3444, 0.4791

Square

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



17.3560, 0.3445, 0.2462



17.3560, 0.4645, 0.4096



17.3560, 0.2680, 0.4396



17.3560, 0.1778, 0.2257

Rectangle

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



17.3560, 0.3445, 0.2462



17.3560, 0.4599, 0.3311



17.3560, 0.2680, 0.4396



17.3560, 0.1842, 0.2992

Sweetspot

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



17.3568, 0.3445, 0.2462



53.1611, 0.3206, 0.3036



13.3441, 0.2500, 0.1976



11.2230, 0.3219, 0.2998



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



17.3568, 0.3445, 0.2462



26.1719, 0.3546, 0.2290



16.3849, 0.4025, 0.3017



7.1697, 0.3176, 0.3127



7.1037, 0.4006, 0.1980



0.1564, 0.3663, 0.1791

Inverse Universe

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



17.3568, 0.3445, 0.2462



26.1719, 0.3546, 0.2290



31.2121, 0.2647, 0.3595



7.1697, 0.3176, 0.3127



7.1037, 0.4006, 0.1980



0.1564, 0.3663, 0.1791

Previews

White Background



This preview shows how the Yxy color 17.3560, 0.3445, 0.2462 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 17.3560, 0.3445, 0.2462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

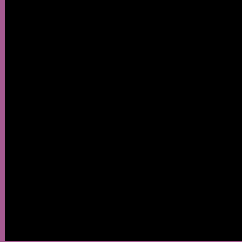
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3560, 0.3445, 0.2462

Background



This preview shows how black text looks on a background with the Yxy color 17.3560, 0.3445, 0.2462.



This preview shows how white text looks on a background with the Yxy color 17.3560, 0.3445, 0.2462.

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

17.3560, 0.3445, 0.2462

Protanopia

17.6725, 0.2484, 0.2425

Deuteranopia

17.6026, 0.2834, 0.2787



Tritanopia

17.3530, 0.3949, 0.3163

Trichromacy



Original Color

17.3560, 0.3445, 0.2462

Protanomaly

16.9935, 0.2774, 0.2422

Deuteranomaly

17.0427, 0.3040, 0.2642

Tritanomaly

17.2219, 0.3761, 0.2894

Monochromacy



Original Color

17.3560, 0.3445, 0.2462

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.5179, 0.3251, 0.2934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3560, 0.3445, 0.2462 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(165, 90, 145)` looks like.

```
.text, #text, p{  
  color:rgb(165, 90, 145)  
}
```

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(165, 90, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 90, 145) }
```

Border

The CSS property to change the border of an element to Yxy 17.3560, 0.3445, 0.2462 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(165, 90, 145) }
```

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

```
.border{ border-color:rgb(165, 90, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 90, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 90, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 90, 145);  
box-shadow:4px 4px 4px 4px rgb(165, 90,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3560, 0.3445, 0.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 90, 145) }
```

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

```
.background{ background-color: rgb(165, 90,  
145) }
```

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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