

Converting Colors

$Y_{xy}(17.0580, 0.3512, 0.2591)$

Have a look what the booklet for
Yxy(17.0580, 0.3512, 0.2591)
contains.

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Color

Yxy(17.1418, 0.3514, 0.2592)

Conversions

Conversions Part 1

Format	Color
Hex	A25C89
RGB	162, 92, 137
RGB Percent	64%, 36%, 54%
CMY	0.3648, 0.6391, 0.4627
CMYK	0.00, 0.43, 0.15, 0.36
HSL	321°, 28%, 50%
HSV	321°, 43%, 64%
XYZ	23.2393, 17.1418, 25.7524
YIQ	118.0600, 27.2750, 28.8350

Conversions

Conversions Part 2

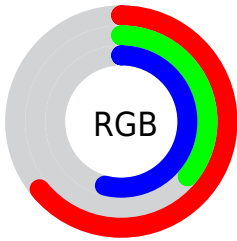
Format	Color
R_{YB}	162, 92, 137
Decimal	10640521
CIE _{Lab}	48.44, 34.90, -12.58
CIE _{LCh}	48, 37.103, 340.174
Yxy	17.1418, 0.3514, 0.2592
Android (android.graphics.Color)	4288830601 (0xFFA25C89)
YUV	118.0600, 9.3374, 38.5354
Hunter-Lab	41.4027, 27.7374, -7.8964

Details

The Yxy color **17.1418, 0.3514, 0.2592** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.3925, 0.2879, 0.4119**, and the grayscale version is **18.1013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5696, 0.3432, 0.2748**, and **5.6671, 0.3674, 0.2342** is the 20% darker color. If you saturate the color by 10%, you get **14.4678, 0.3642, 0.2442**, and if you desaturate by 10%, it is **20.4263, 0.3401, 0.2754**.

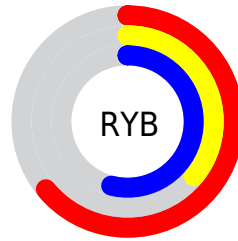
Distribution



Red (64%)

Green (36%)

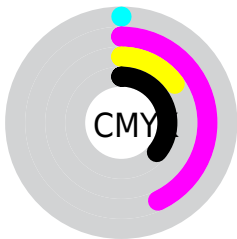
Blue (54%)



Red (64%)

Yellow (36%)

Blue (54%)

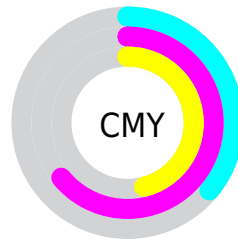


Cyan (0%)

Magenta (43%)

Yellow (15%)

Black (36%)



Cyan (36%)


Magenta (64%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1418, 0.3514, 0.2592 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 17.1418, 0.3514, 0.2592 by changing the saturation by 10% instead.


 17.1418, 0.3514,
0.2592


 17.1418, 0.3514,
0.2592


235.9882, 0.3299,
0.2977


 10.3356, 0.3576,
0.2482


 38.5694, 0.3430,
0.2742


 5.6221, 0.3662,
0.2332


 53.9597, 0.3400,
0.2795

 2.6167, 0.3787,
0.2115

 72.9801, 0.3376,
0.2839

 0.9350, 0.3986,
0.1777

 96.0150, 0.3355,
0.2876

 0.0000, 0.4986,
0.0000

123.4489, 0.3338,
0.2907

 0.0000, 0.0000,
0.0000

155.6662, 0.3323,

0.2934

193.0511, 0.3310,
0.2957

■ 17.1418, 0.3514,
0.2592

■ 17.1418, 0.3514,
0.2592

■ 14.4678, 0.3642,
0.2442

■ 20.4263, 0.3401,
0.2754

■ 12.3632, 0.3783,
0.2313

■ 24.3542, 0.3303,
0.2920

■ 10.7855, 0.3934,
0.2216


■ 28.9589, 0.3219,
0.3084


■ 9.6854, 0.4090,
0.2162

■ 34.2708, 0.3147,
0.3241


■ 9.0037, 0.4246,
0.2157

■ 40.3184, 0.3088,
0.3391

 8.6816, 0.4353,
0.2171

 47.1286, 0.3037,
0.3530

 54.7272, 0.2995,
0.3659

 63.1383, 0.2961,
0.3778

 72.3854, 0.2932,
0.3887

Harmonies

Analogous

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



17.1418, 0.2786, 0.2288



17.1418, 0.3514, 0.2592



17.1418, 0.4192, 0.3045

Triad

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



17.1418, 0.3514, 0.2592



17.1418, 0.3996, 0.4516



17.1418, 0.1889, 0.2745

Complementary

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



17.1418, 0.3514, 0.2592



29.3925, 0.2879, 0.4119

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.



17.1418, 0.2136, 0.3430



17.1418, 0.3514, 0.2592



17.1418, 0.3334, 0.4597

Square

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



17.1418, 0.3514, 0.2592



17.1418, 0.4455, 0.4104



17.1418, 0.2653, 0.4176



17.1418, 0.1924, 0.2327

Rectangle

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



17.1418, 0.3514, 0.2592



17.1418, 0.4477, 0.3394



17.1418, 0.2653, 0.4176



17.1418, 0.1939, 0.2948

Sweetspot

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



17.1426, 0.3514, 0.2592



52.5386, 0.3219, 0.3083



14.0128, 0.2607, 0.2074



11.3775, 0.3236, 0.3049



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.



17.1426, 0.3514, 0.2592



26.3604, 0.3639, 0.2444



16.3058, 0.4052, 0.3124



7.1590, 0.3189, 0.3146



6.8502, 0.4340, 0.2164



0.1524, 0.3841, 0.1890

Inverse Universe

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



17.1426, 0.3514, 0.2592



26.3604, 0.3639, 0.2444



30.3585, 0.2625, 0.3472



7.1590, 0.3189, 0.3146



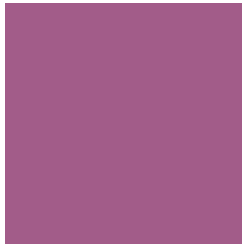
6.8502, 0.4340, 0.2164



0.1524, 0.3841, 0.1890

Previews

White Background



This preview shows how the Yxy color 17.1418, 0.3514, 0.2592 looks on a white background.

Color Contrast Check

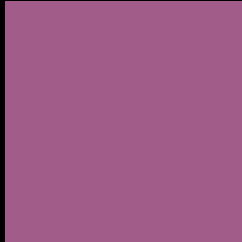
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1418, 0.3514, 0.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

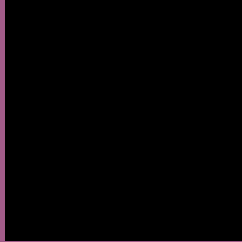
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1418, 0.3514, 0.2592

Background



This preview shows how black text looks on a background with the Yxy color 17.1418, 0.3514, 0.2592.



This preview shows how white text looks on a background with the Yxy color 17.1418, 0.3514, 0.2592.

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

17.1418, 0.3514, 0.2592

Protanopia

17.3378, 0.2607, 0.2569

Deuteranopia

17.3553, 0.2956, 0.2913



Tritanopia

17.1469, 0.3921, 0.3161

Trichromacy



Original Color

17.1418, 0.3514, 0.2592

Protanomaly

16.8503, 0.2894, 0.2564

Deuteranomaly

16.8927, 0.3151, 0.2775

Tritanomaly

17.1237, 0.3775, 0.2953

Monochromacy



Original Color

17.1418, 0.3514, 0.2592

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4863, 0.3261, 0.3001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1418, 0.3514, 0.2592 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(162, 92, 137)` looks like.

```
.text, #text, p{  
  color:rgb(162, 92, 137)  
}
```

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(162, 92, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 92, 137) }
```

Border

The CSS property to change the border of an element to Yxy 17.1418, 0.3514, 0.2592 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(162, 92, 137) }
```

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

```
.border{ border-color:rgb(162, 92, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 92, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 92, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 92, 137); box-shadow:4px 4px 4px 4px rgb(162, 92, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1418, 0.3514, 0.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 92, 137) }
```

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

```
.background{ background-color: rgb(162, 92,  
137) }
```

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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