

Converting Colors

$Yxy(42.8876, 0.3816, 0.3329)$

Have a look what the booklet for
Yxy(42.8876, 0.3816, 0.3329)
contains.

Yxy(42.8278, 0.3822, 0.3328)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.8278, 0.3822, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	E19E9B
RGB	225, 158, 155
RGB Percent	88%, 62%, 61%
CMY	0.1178, 0.3803, 0.3922
CMYK	0.00, 0.30, 0.31, 0.12
HSL	3°, 54%, 74%
HSV	3°, 31%, 88%
XYZ	49.1851, 42.8278, 36.6765
YIQ	177.6910, 40.8950, 13.2710

Conversions

Conversions Part 2

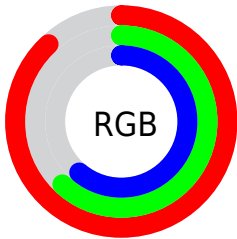
Format	Color
R _Y B	225, 158, 155
Decimal	14786203
CIE Lab	71.44, 24.53, 11.60
CIE LCh	71, 27.138, 25.301
Yxy	42.8278, 0.3822, 0.3328
Android (android.graphics.Color)	4292976283 (0xFFE19E9B)
YUV	177.6910, -11.1867, 41.4900
Hunter-Lab	65.4430, 19.6303, 12.5819

Details

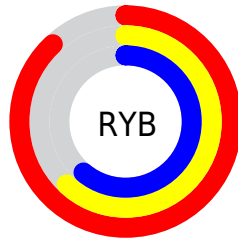
The Yxy color **42.8278, 0.3822, 0.3328** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.6026, 0.2678, 0.3252**, and the grayscale version is **44.3932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4519, 0.3472, 0.3332**, and **19.6324, 0.4030, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **35.4322, 0.4159, 0.3341**, and if you desaturate by 10%, it is **51.6536, 0.3546, 0.3315**.

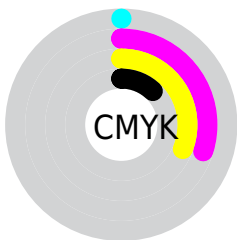
Distribution



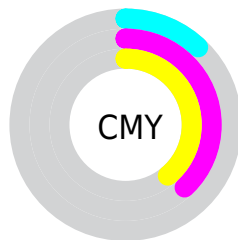
- Red (88%)
- Green (62%)
- Blue (61%)



- Red (88%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (31%)
- Black (12%)



- Cyan (12%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8278, 0.3822, 0.3328 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 42.8278, 0.3822, 0.3328 by changing the saturation by 10% instead.


 42.8278, 0.3822,
0.3328


 42.8278, 0.3822,
0.3328


357.9031, 0.3466,
0.3317

 29.7500, 0.3913,
0.3328


 79.4509, 0.3691,
0.3326

 19.6489, 0.4031,
0.3326


 103.7651, 0.3642,
0.3325

 12.1401, 0.4191,
0.3321


132.5935, 0.3601,
0.3323

 6.8392, 0.4416,
0.3307

166.3206, 0.3566,
0.3322

 3.3617, 0.4758,
0.3274

205.3307, 0.3536,
0.3321

 1.3234, 0.5393,
0.3223

250.0082, 0.3510,

 0.1592, 0.8250,

0.3320

0.1750

300.7375, 0.3487,
0.3318

0.0000, 0.0000,
0.0000

42.8278, 0.3822,
0.3328

42.8278, 0.3822,
0.3328

35.4322, 0.4159,
0.3341

51.6536, 0.3546,
0.3315

29.3859, 0.4560,
0.3351

61.9729, 0.3324,
0.3303

24.6092, 0.5013,
0.3358

73.8525, 0.3145,
0.3291

21.0117, 0.5483,
0.3358

87.3534, 0.3001,
0.3281

18.4908, 0.5910,
0.3350

94.7418, 0.2946,
0.3289

■ 16.9268, 0.6222,
0.3332

■ 16.2141, 0.6376,
0.3319

Harmonies

Analogous

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



42.8278, 0.3537, 0.3023



42.8278, 0.3822, 0.3328



42.8278, 0.3905, 0.3642

Triad

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



42.8278, 0.3822, 0.3328



42.8278, 0.3069, 0.3878



42.8278, 0.2510, 0.2688

Complementary

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



42.8278, 0.3822, 0.3328



64.6026, 0.2678, 0.3252

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.



42.8278, 0.2405, 0.2869



42.8278, 0.3822, 0.3328



42.8278, 0.2713, 0.3569

Square

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



42.8278, 0.3822, 0.3328



42.8278, 0.3455, 0.3993



42.8278, 0.2476, 0.3188



42.8278, 0.2774, 0.2665

Rectangle

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



42.8278, 0.3822, 0.3328



42.8278, 0.3835, 0.3821



42.8278, 0.2476, 0.3188



42.8278, 0.2456, 0.2731

Sweetspot

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



42.8298, 0.3822, 0.3328



85.3938, 0.3284, 0.3300



44.7466, 0.3183, 0.2542



17.8072, 0.3312, 0.3302



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.



42.8298, 0.3822, 0.3328



50.6413, 0.4022, 0.3336



56.2017, 0.3701, 0.3722



13.7955, 0.3291, 0.3301



9.3903, 0.6367, 0.3326



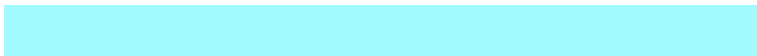
0.6851, 0.6272, 0.3402

Inverse Universe

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



64.6026, 0.2678, 0.3252



83.6921, 0.2602, 0.3243



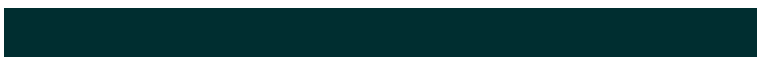
48.2143, 0.2626, 0.2814



15.4648, 0.2982, 0.3279



31.2497, 0.2210, 0.3154



2.1981, 0.2216, 0.3176

Previews

White Background



This preview shows how the Yxy color 42.8278, 0.3822, 0.3328 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.8278, 0.3822, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

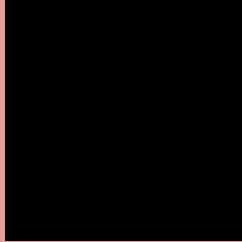
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8278, 0.3822, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 42.8278, 0.3822, 0.3328.



This preview shows how white text looks on a background with the Yxy color 42.8278, 0.3822, 0.3328.

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

42.8278, 0.3822, 0.3328

Protanopia

43.1640, 0.3273, 0.3438

Deuteranopia

42.9552, 0.3562, 0.3497



Tritanopia

42.7728, 0.3707, 0.3151

Trichromacy



Original Color

42.8278, 0.3822, 0.3328

Protanomaly

42.8195, 0.3460, 0.3394

Deuteranomaly

42.7987, 0.3652, 0.3429

Tritanomaly

42.9270, 0.3755, 0.3221

Monochromacy



Original Color

42.8278, 0.3822, 0.3328

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6302, 0.3356, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8278, 0.3822, 0.3328 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(225, 158, 155)` looks like.

```
.text, #text, p{  
    color:rgb(225, 158, 155)  
}
```

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(225, 158, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 158, 155) }
```

Border

The CSS property to change the border of an element to Yxy 42.8278, 0.3822, 0.3328 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(225, 158, 155) }
```

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

```
.border{ border-color:rgb(225, 158, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 158, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 158, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 158, 155);  
box-shadow:4px 4px 4px 4px rgb(225, 158,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8278, 0.3822, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 158, 155) }
```

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

```
.background{ background-color: rgb(225,  
158, 155) }
```

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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