

Converting Colors

$Y_{xy}(25.7751, 0.3655, 0.3314)$

Have a look what the booklet for
Yxy(25.7751, 0.3655, 0.3314)
contains.

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Color

Yxy(25.8907, 0.3653, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	AB817F
RGB	171, 129, 127
RGB Percent	67%, 51%, 50%
CMY	0.3295, 0.4940, 0.5020
CMYK	0.00, 0.25, 0.26, 0.33
HSL	3°, 21%, 58%
HSV	3°, 26%, 67%
XYZ	28.4704, 25.8907, 23.5760
YIQ	141.3300, 25.6740, 8.2820

Conversions

Conversions Part 2

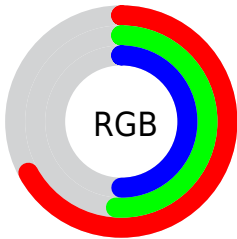
Format	Color
R_{YB}	171, 129, 127
Decimal	11239807
CIE _{Lab}	57.93, 15.87, 7.37
CIE _{LCh}	58, 17.498, 24.924
Yxy	25.8907, 0.3653, 0.3322
Android (android.graphics.Color)	4289429887 (0xFFAB817F)
YUV	141.3300, -7.0647, 26.0206
Hunter-Lab	50.8829, 10.8307, 8.1467

Details

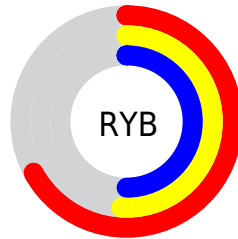
The Yxy color **25.8907, 0.3653, 0.3322** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8095, 0.2755, 0.3258**, and the grayscale version is **26.7930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0821, 0.3537, 0.3314**, and **10.1389, 0.3853, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **21.5226, 0.3947, 0.3335**, and if you desaturate by 10%, it is **31.0230, 0.3414, 0.3309**.

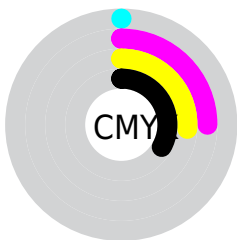
Distribution



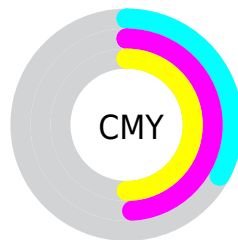
- Red (67%)
- Green (51%)
- Blue (50%)



- Red (67%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (33%)





- Cyan (33%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8907, 0.3653, 0.3322 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 25.8907, 0.3653, 0.3322 by changing the saturation by 10% instead.


 25.8907, 0.3653,
0.3322


 25.8907, 0.3653,
0.3322


282.2451, 0.3362,
0.3309

 16.7419, 0.3737,
0.3323


 53.0986, 0.3540,
0.3318

 10.0506, 0.3851,
0.3324


 71.9264, 0.3500,
0.3317

 5.4325, 0.4019,
0.3321

 94.7494, 0.3466,
0.3315

 2.5032, 0.4285,
0.3310

121.9519, 0.3439,
0.3314

 0.8782, 0.4929,
0.3376

153.9183, 0.3415,
0.3313

 0.0000, 1.0000,
0.0000

191.0331, 0.3395,

 0.0000, 0.0000,

0.3311

0.0000

233.6805, 0.3378,
0.3310

■ 25.8907, 0.3653,
0.3322

■ 25.8907, 0.3653,
0.3322

■ 21.5226, 0.3947,
0.3335

■ 31.0230, 0.3414,
0.3309

■ 17.8787, 0.4302,
0.3348

■ 36.9498, 0.3220,
0.3297

■ 14.9210, 0.4716,
0.3358


■ 43.7041, 0.3064,
0.3285


■ 12.6065, 0.5171,
0.3363


■ 51.3159, 0.2938,
0.3275

■ 10.8875, 0.5626,
0.3360


■ 59.8139, 0.2835,
0.3266

 9.7093, 0.6017,
0.3348

 69.2253, 0.2751,
0.3257

 9.0072, 0.6282,
0.3329

 79.5763, 0.2681,
0.3250

 8.8245, 0.6364,
0.3329

 87.3943, 0.2657,
0.3289

Harmonies

Analogous

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



25.8907, 0.3437, 0.3083



25.8907, 0.3653, 0.3322



25.8907, 0.3720, 0.3565

Triad

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



25.8907, 0.3653, 0.3322



25.8907, 0.3091, 0.3733



25.8907, 0.2649, 0.2828

Complementary

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



25.8907, 0.3653, 0.3322



35.8095, 0.2755, 0.3258

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.



25.8907, 0.2568, 0.2975



25.8907, 0.3653, 0.3322



25.8907, 0.2815, 0.3506

Square

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



25.8907, 0.3653, 0.3322



25.8907, 0.3386, 0.3822



25.8907, 0.2627, 0.3221



25.8907, 0.2855, 0.2804

Rectangle

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



25.8907, 0.3653, 0.3322



25.8907, 0.3670, 0.3700



25.8907, 0.2627, 0.3221



25.8907, 0.2607, 0.2864

Sweetspot

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



25.8919, 0.3653, 0.3322



63.4927, 0.3264, 0.3300



26.7171, 0.3172, 0.2683



13.8007, 0.3291, 0.3301



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.8919, 0.3653, 0.3322



41.6623, 0.3817, 0.3330



32.1435, 0.3576, 0.3638



8.0720, 0.3285, 0.3301



6.6765, 0.6358, 0.3333



0.2044, 0.6181, 0.3474

Inverse Universe

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



35.8095, 0.2755, 0.3258



62.5508, 0.2679, 0.3250



28.4807, 0.2724, 0.2915



9.0082, 0.2987, 0.3279



22.0278, 0.2208, 0.3149



0.6316, 0.2221, 0.3194

Previews

White Background



This preview shows how the Yxy color 25.8907, 0.3653, 0.3322 looks on a white background.

Color Contrast Check

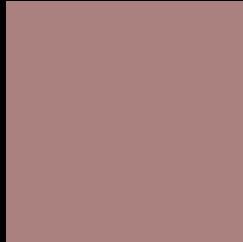
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 25.8907, 0.3653, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

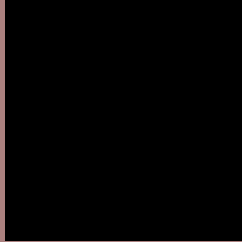
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8907, 0.3653, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 25.8907, 0.3653, 0.3322.



This preview shows how white text looks on a background with the Yxy color 25.8907, 0.3653, 0.3322.

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

25.8907, 0.3653, 0.3322

Protanopia

26.0605, 0.3254, 0.3406

Deuteranopia

25.8257, 0.3493, 0.3418



Tritanopia

25.7555, 0.3552, 0.3142

Trichromacy



Original Color

25.8907, 0.3653, 0.3322

Protanomaly

25.8097, 0.3399, 0.3371

Deuteranomaly

25.7954, 0.3559, 0.3385

Tritanomaly

25.9025, 0.3597, 0.3216

Monochromacy



Original Color

25.8907, 0.3653, 0.3322

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.3443, 0.3306, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8907, 0.3653, 0.3322 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(171, 129, 127)` looks like.

```
.text, #text, p{  
    color:rgb(171, 129, 127)  
}
```

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(171, 129, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 129, 127) }
```

Border

The CSS property to change the border of an element to Yxy 25.8907, 0.3653, 0.3322 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(171, 129, 127) }
```

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

```
.border{ border-color:rgb(171, 129, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 129, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 129, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 129, 127);  
box-shadow:4px 4px 4px 4px rgb(171, 129,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8907, 0.3653, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 129, 127) }
```

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

```
.background{ background-color: rgb(171,  
129, 127) }
```

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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