

Converting Colors

$Yxy(26.5204, 0.3702, 0.3431)$

Have a look what the booklet for
Yxy(26.5204, 0.3702, 0.3431)
contains.

Yxy(26.5656, 0.3701, 0.3443)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5656, 0.3701, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	AB847A
RGB	171, 132, 122
RGB Percent	67%, 52%, 48%
CMY	0.3295, 0.4823, 0.5215
CMYK	0.00, 0.23, 0.29, 0.33
HSL	12°, 23%, 57%
HSV	12°, 29%, 67%
XYZ	28.5563, 26.5656, 22.0364
YIQ	142.5210, 26.4540, 5.1580

Conversions

Conversions Part 2

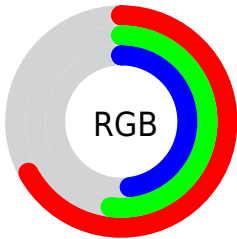
Format	Color
R_{YB}	171, 135, 122
Decimal	11240570
CIE _{Lab}	58.57, 13.46, 11.15
CIE _{LCh}	59, 17.474, 39.628
Yxy	26.5656, 0.3701, 0.3443
Android (android.graphics.Color)	4289430650 (0xFFAB847A)
YUV	142.5210, -10.1169, 24.9761
Hunter-Lab	51.5418, 8.6981, 10.7302

Details

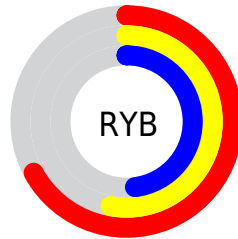
The Yxy color $26.5656, 0.3701, 0.3443$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $32.5599, 0.2704, 0.3131$, and the grayscale version is $27.3010, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0848, 0.3581, 0.3418$, and $10.3672, 0.3930, 0.3485$ is the 20% darker color. If you saturate the color by 10%, you get $22.7266, 0.3982, 0.3499$, and if you desaturate by 10%, it is $30.9629, 0.3465, 0.3387$.

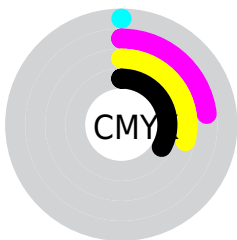
Distribution



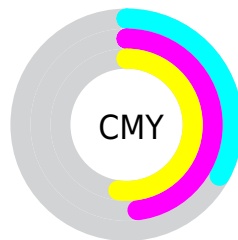
- Red (67%)
- Green (52%)
- Blue (48%)



- Red (67%)
- Yellow (53%)
- Blue (48%)



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (33%)




- Cyan (33%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5656, 0.3701, 0.3443 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 26.5656, 0.3701, 0.3443 by changing the saturation by 10% instead.


 26.5656, 0.3701,
0.3443


 26.5656, 0.3701,
0.3443


285.5476, 0.3385,
0.3366

 17.2472, 0.3791,
0.3462


 54.1860, 0.3578,
0.3415

 10.4109, 0.3915,
0.3485


 73.2568, 0.3534,
0.3404

 5.6723, 0.4093,
0.3515

 96.3473, 0.3498,
0.3396

 2.6468, 0.4373,
0.3550

123.8418, 0.3468,
0.3388

 0.9503, 0.5178,
0.3805

156.1246, 0.3443,
0.3381

 0.0000, 1.0000,
0.0000

193.5803, 0.3421,

 0.0000, 0.0000,

0.3375

0.0000

236.5932, 0.3401,
0.3370

■ 26.5656, 0.3701,
0.3443

■ 26.5656, 0.3701,
0.3443

■ 22.7266, 0.3982,
0.3499

■ 30.9629, 0.3465,
0.3387

■ 19.4199, 0.4311,
0.3551

■ 35.9359, 0.3269,
0.3334

■ 16.6227, 0.4684,
0.3592


■ 41.5059, 0.3107,
0.3283


■ 14.3093, 0.5087,
0.3614


■ 47.6918, 0.2972,
0.3237

■ 12.4515, 0.5490,
0.3607


■ 54.5119, 0.2859,
0.3195


 11.0182, 0.5848,
0.3566

 61.9835, 0.2765,
0.3157

 9.9702, 0.6126,
0.3498

 70.1234, 0.2686,
0.3123

 9.8540, 0.6160,
0.3491

 78.7010, 0.2637,
0.3132

 87.0526, 0.2656,
0.3283

Harmonies

Analogous

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



26.5656, 0.3554, 0.3197



26.5656, 0.3701, 0.3443



26.5656, 0.3685, 0.3665

Triad

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



26.5656, 0.3701, 0.3443



26.5656, 0.2950, 0.3631



26.5656, 0.2740, 0.2805

Complementary

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



26.5656, 0.3701, 0.3443



32.5599, 0.2704, 0.3131

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.



26.5656, 0.2596, 0.2892



26.5656, 0.3701, 0.3443



26.5656, 0.2712, 0.3366

Square

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



26.5656, 0.3701, 0.3443



26.5656, 0.3243, 0.3793



26.5656, 0.2586, 0.3093



26.5656, 0.2990, 0.2840

Rectangle

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



26.5656, 0.3701, 0.3443



26.5656, 0.3585, 0.3768



26.5656, 0.2586, 0.3093



26.5656, 0.2678, 0.2821

Sweetspot

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



26.5668, 0.3701, 0.3443



63.8891, 0.3279, 0.3336



25.1564, 0.3268, 0.2722



13.9527, 0.3305, 0.3344



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.



26.5668, 0.3701, 0.3443



43.3750, 0.3862, 0.3477



33.9359, 0.3605, 0.3794



8.2706, 0.3281, 0.3337



7.4929, 0.6145, 0.3503



0.2833, 0.5599, 0.3936

Inverse Universe

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



32.5599, 0.2704, 0.3131



55.7710, 0.2622, 0.3093



24.8835, 0.2662, 0.2728



8.7900, 0.2986, 0.3243



15.5813, 0.2064, 0.2631



0.5028, 0.2126, 0.2852

Previews

White Background



This preview shows how the Yxy color 26.5656, 0.3701, 0.3443 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 26.5656, 0.3701, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

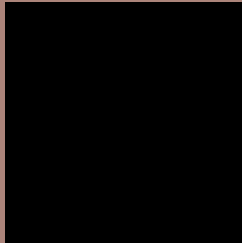
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5656, 0.3701, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 26.5656, 0.3701, 0.3443.



This preview shows how white text looks on a background with the Yxy color 26.5656, 0.3701, 0.3443.

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

26.5656, 0.3701, 0.3443

Protanopia

26.7592, 0.3347, 0.3537

Deuteranopia

26.6702, 0.3591, 0.3526



Tritanopia

26.4488, 0.3534, 0.3143

Trichromacy



Original Color

26.5656, 0.3701, 0.3443

Protanomaly

26.7255, 0.3469, 0.3499

Deuteranomaly

26.7078, 0.3630, 0.3508

Tritanomaly

26.4294, 0.3590, 0.3246

Monochromacy



Original Color

26.5656, 0.3701, 0.3443

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9868, 0.3324, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5656, 0.3701, 0.3443 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, 132, 122)` looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 122)  
}
```

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, 132, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 122) }
```

Border

The CSS property to change the border of an element to Yxy 26.5656, 0.3701, 0.3443 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, 132, 122) }
```

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

```
.border{ border-color:rgb(171, 132, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 132, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 122);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5656, 0.3701, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 132, 122) }
```

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

```
.background{ background-color: rgb(171,  
132, 122) }
```

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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