

Converting Colors

$Y_{xy}(26.3352, 0.3523, 0.3142)$

Have a look what the booklet for
Yxy(26.3352, 0.3523, 0.3142)
contains.

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Color

Yxy(26.3352, 0.3523, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	AC818B
RGB	172, 129, 139
RGB Percent	67%, 51%, 55%
CMY	0.3254, 0.4942, 0.4549
CMYK	0.00, 0.25, 0.19, 0.33
HSL	346°, 21%, 59%
HSV	346°, 25%, 67%
XYZ	29.5286, 26.3352, 27.9529
YIQ	142.9970, 22.4180, 12.2260

Conversions

Conversions Part 2

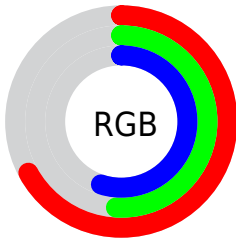
Format	Color
R_{YB}	172, 129, 139
Decimal	11305355
CIE _{Lab}	58.35, 18.15, 1.08
CIE _{LCh}	58, 18.182, 3.420
Yxy	26.3352, 0.3523, 0.3142
Android (android.graphics.Color)	4289495435 (0xFFAC818B)
YUV	142.9970, -1.9705, 25.4356
Hunter-Lab	51.3178, 12.9039, 3.6272

Details

The Yxy color $26.3352, 0.3523, 0.3142$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $36.7926, 0.2840, 0.3444$, and the grayscale version is $27.4694, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.7556, 0.3443, 0.3178$, and $10.2352, 0.3674, 0.3081$ is the 20% darker color. If you saturate the color by 10%, you get $21.8169, 0.3747, 0.3080$, and if you desaturate by 10%, it is $31.6655, 0.3340, 0.3204$.

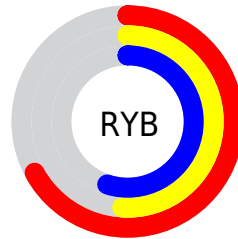
Distribution



Red (67%)

Green (51%)

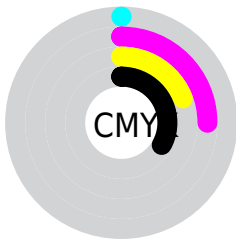
Blue (55%)



Red (67%)

Yellow (51%)

Blue (55%)

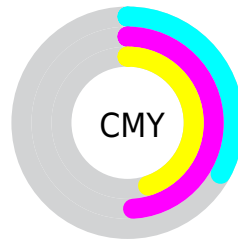


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (33%)



Cyan (33%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3352, 0.3523, 0.3142 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 26.3352, 0.3523, 0.3142 by changing the saturation by 10% instead.

 26.3352, 0.3523,
0.3142


 26.3352, 0.3523,
0.3142


284.4237, 0.3306,
0.3224


 17.0746, 0.3585,
0.3118

 53.8152, 0.3439,
0.3174

 10.2877, 0.3669,
0.3086


 72.8034, 0.3409,
0.3185

 5.5901, 0.3791,
0.3039

 95.8029, 0.3384,
0.3195

 2.5975, 0.3984,
0.2963

123.1981, 0.3364,
0.3202

 0.9254, 0.4332,
0.2825

155.3733, 0.3346,
0.3209

 0.0000, 1.0000,
0.0000

192.7131, 0.3331,

 0.0000, 0.0000,

0.3215

0.0000

235.6018, 0.3317,
0.3220

■ 26.3352, 0.3523,
0.3142

■ 26.3352, 0.3523,
0.3142

■ 21.8169, 0.3747,
0.3080

■ 31.6655, 0.3340,
0.3204

■ 18.0672, 0.4017,
0.3020

■ 37.8412, 0.3191,
0.3262

■ 15.0439, 0.4337,
0.2969


■ 44.8984, 0.3070,
0.3317

■ 12.6996, 0.4700,
0.2936


■ 52.8698, 0.2971,
0.3367

■ 10.9810, 0.5092,
0.2930


■ 61.7867, 0.2891,
0.3412

 9.8269, 0.5479,
0.2959


 71.6786, 0.2825,
0.3454

 9.1621, 0.5821,
0.3027

 82.5740, 0.2770,
0.3492

 8.9274, 0.5971,
0.3063

 86.8634, 0.2711,
0.3403

 87.5141, 0.2662,
0.3289

Harmonies

Analogous

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



26.3352, 0.3231, 0.2931



26.3352, 0.3523, 0.3142



26.3352, 0.3708, 0.3396

Triad

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



26.3352, 0.3523, 0.3142



26.3352, 0.3311, 0.3831



26.3352, 0.2560, 0.2909

Complementary

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



26.3352, 0.3523, 0.3142



36.7926, 0.2840, 0.3444

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.



26.3352, 0.2579, 0.3139



26.3352, 0.3523, 0.3142



26.3352, 0.3003, 0.3694

Square

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



26.3352, 0.3523, 0.3142



26.3352, 0.3578, 0.3803



26.3352, 0.2738, 0.3431



26.3352, 0.2682, 0.2793

Rectangle

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



26.3352, 0.3523, 0.3142



26.3352, 0.3740, 0.3562



26.3352, 0.2738, 0.3431



26.3352, 0.2550, 0.2974

Sweetspot

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



26.3364, 0.3523, 0.3142



64.9542, 0.3234, 0.3244



26.3581, 0.3047, 0.2660



13.7525, 0.3256, 0.3236



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.



26.3364, 0.3523, 0.3142



43.0592, 0.3641, 0.3108



29.2522, 0.3601, 0.3462



8.0447, 0.3251, 0.3237



6.6481, 0.5946, 0.3049



0.1933, 0.5119, 0.2594

Inverse Universe

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



26.3364, 0.3523, 0.3142



43.0592, 0.3641, 0.3108



32.9801, 0.2751, 0.3111



8.0447, 0.3251, 0.3237



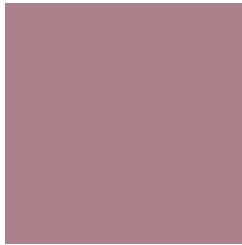
6.6481, 0.5946, 0.3049



0.1933, 0.5119, 0.2594

Previews

White Background



This preview shows how the Yxy color 26.3352, 0.3523, 0.3142 looks on a white background.

Color Contrast Check

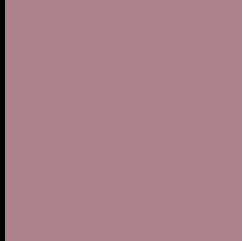
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3352, 0.3523, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

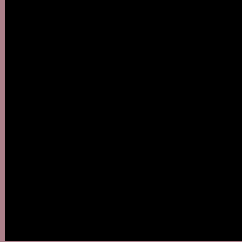
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3352, 0.3523, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 26.3352, 0.3523, 0.3142.



This preview shows how white text looks on a background with the Yxy color 26.3352, 0.3523, 0.3142.

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

26.3352, 0.3523, 0.3142

Protanopia

26.5513, 0.3099, 0.3208

Deuteranopia

26.4119, 0.3320, 0.3259



Tritanopia

26.3352, 0.3523, 0.3142

Trichromacy



Original Color

26.3352, 0.3523, 0.3142

Protanomaly

26.3638, 0.3244, 0.3179

Deuteranomaly

26.1871, 0.3395, 0.3213

Tritanomaly

26.3352, 0.3523, 0.3142

Monochromacy



Original Color

26.3352, 0.3523, 0.3142

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0000, 0.3263, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3352, 0.3523, 0.3142 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(172, 129, 139)` looks like.

```
.text, #text, p{  
    color:rgb(172, 129, 139)  
}
```

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(172, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 129, 139) }
```

Border

The CSS property to change the border of an element to Yxy 26.3352, 0.3523, 0.3142 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(172, 129, 139) }
```

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

```
.border{ border-color:rgb(172, 129, 139) }
```

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

Here you see how a box with a 4 pixel rgb(172, 129, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(172, 129,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3352, 0.3523, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 129, 139) }
```

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

```
.background{ background-color: rgb(172,  
129, 139) }
```

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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