

Converting Colors

$Y_{xy}(42.6200, 0.3340, 0.3522)$

Have a look what the booklet for
Yxy(42.6200, 0.3340, 0.3522)
contains.

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Color

Yxy(42.6515, 0.3344, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	B6AE9D
RGB	182, 174, 157
RGB Percent	71%, 68%, 62%
CMY	0.2862, 0.3177, 0.3843
CMYK	0.00, 0.04, 0.14, 0.29
HSL	41°, 15%, 66%
HSV	41°, 14%, 71%
XYZ	40.5189, 42.6515, 37.9986
YIQ	174.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

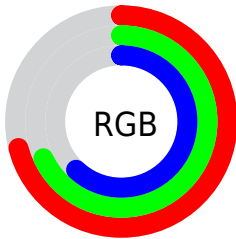
Format	Color
R_{YB}	169, 182, 157
Decimal	11972253
CIE Lab	71.32, -0.06, 9.74
CIE LCh	71, 9.738, 90.365
Yxy	42.6515, 0.3344, 0.3520
Android (android.graphics.Color)	4290162333 (0xFFB6AE9D)
YUV	174.4540, -8.6048, 6.6178
Hunter-Lab	65.3081, -3.5430, 11.2186

Details

The Yxy color $42.6515, 0.3344, 0.3520$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.4739, 0.2914, 0.3049$, and the grayscale version is $42.6174, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9692, 0.3301, 0.3468$, and $19.6268, 0.3404, 0.3589$ is the 20% darker color. If you saturate the color by 10%, you get $39.8674, 0.3520, 0.3695$, and if you desaturate by 10%, it is $45.6304, 0.3183, 0.3351$.

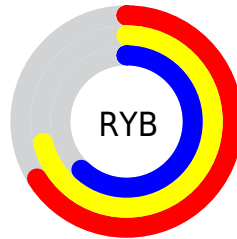
Distribution



Red (71%)

Green (68%)

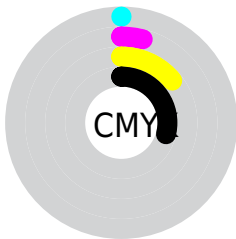
Blue (62%)



Red (66%)

Yellow (71%)

Blue (62%)

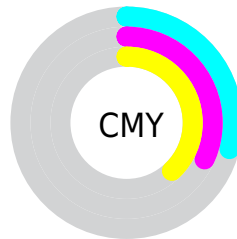


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (29%)



Cyan (29%)


Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6515, 0.3344, 0.3520 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 42.6515, 0.3344, 0.3520 by changing the saturation by 10% instead.


 42.6515, 0.3344,
0.3520

 42.6515, 0.3344,
0.3520


357.1766, 0.3234,
0.3403

 29.6118, 0.3372,
0.3550


 79.1847, 0.3304,
0.3477

 19.5441, 0.3408,
0.3588


 103.4470, 0.3289,
0.3461

 12.0641, 0.3457,
0.3640


132.2188, 0.3276,
0.3448

 6.7873, 0.3526,
0.3713

165.8848, 0.3265,
0.3436

 3.3295, 0.3631,
0.3824

204.8291, 0.3256,
0.3426

 1.3061, 0.3839,
0.4045

249.4363, 0.3248,

 0.1459, 0.4846,

0.3418

0.5154

300.0906, 0.3240,
0.3410

0.0000, 0.0000,
0.0000

42.6515, 0.3344,
0.3520

42.6515, 0.3344,
0.3520

39.8674, 0.3520,
0.3695

45.6304, 0.3183,
0.3351

37.2670, 0.3709,
0.3872

48.8033, 0.3038,
0.3191

34.8466, 0.3910,
0.4045

52.1771, 0.2908,
0.3042

32.6002, 0.4115,
0.4204

55.7563, 0.2792,
0.2903

30.5212, 0.4318,
0.4339

59.5452, 0.2688,
0.2776

■ 28.6023, 0.4510,
0.4440

■ 62.8039, 0.2656,
0.2772

■ 26.8356, 0.4680,
0.4497

■ 65.7267, 0.2663,
0.2840

■ 25.2114, 0.4821,
0.4505

■ 68.7558, 0.2670,
0.2908

■ 24.2569, 0.4899,
0.4492

■ 71.8924, 0.2678,
0.2975

Harmonies

Analogous

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



42.6515, 0.3402, 0.3445



42.6515, 0.3344, 0.3520



42.6515, 0.3228, 0.3533

Triad

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



42.6515, 0.3344, 0.3520



42.6515, 0.2877, 0.3239



42.6515, 0.3163, 0.3113

Complementary

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



42.6515, 0.3344, 0.3520



37.4739, 0.2914, 0.3049

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.



42.6515, 0.3022, 0.3058



42.6515, 0.3344, 0.3520



42.6515, 0.2860, 0.3127

Square

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



42.6515, 0.3344, 0.3520



42.6515, 0.2959, 0.3368



42.6515, 0.2913, 0.3063



42.6515, 0.3296, 0.3212

Rectangle

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



42.6515, 0.3344, 0.3520



42.6515, 0.3135, 0.3503



42.6515, 0.2913, 0.3063



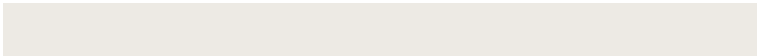
42.6515, 0.3115, 0.3089

Sweetspot

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



42.6534, 0.3344, 0.3520



82.5178, 0.3188, 0.3356



36.7950, 0.3296, 0.3177



18.1333, 0.3200, 0.3369



93.3107, 0.3127, 0.3290



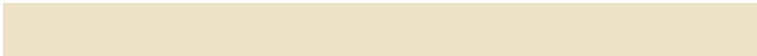
18.7317, 0.3127, 0.3290

Same Dimension

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



42.6534, 0.3344, 0.3520



75.9946, 0.3387, 0.3564



45.3513, 0.3292, 0.3628



10.0038, 0.3271, 0.3445



17.2480, 0.4889, 0.4500



0.7147, 0.4669, 0.4675

Inverse Universe

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



37.4739, 0.2914, 0.3049



65.0769, 0.2873, 0.3000



35.0912, 0.2948, 0.2936



9.1778, 0.2985, 0.3130



4.6624, 0.1631, 0.1071



0.2796, 0.1783, 0.1619

Previews

White Background



This preview shows how the Yxy color 42.6515, 0.3344, 0.3520 looks on a white background.

Color Contrast Check

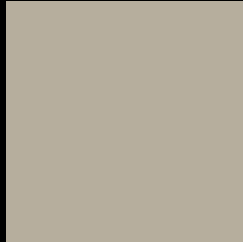
Large Text (above 18pt) WCAG AA × Fail

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 42.6515, 0.3344, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

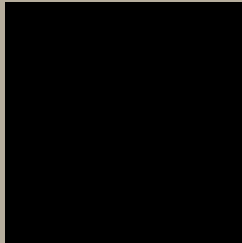
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

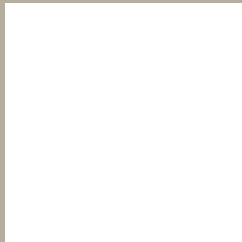
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6515, 0.3344, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 42.6515, 0.3344, 0.3520.



This preview shows how white text looks on a background with the Yxy color 42.6515, 0.3344, 0.3520.

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

42.6515, 0.3344, 0.3520

Protanopia

42.6515, 0.3344, 0.3520

Deuteranopia

42.4797, 0.3499, 0.3420



Tritanopia

42.6075, 0.3162, 0.3121

Trichromacy



Original Color

42.6515, 0.3344, 0.3520

Protanomaly

42.6515, 0.3344, 0.3520

Deuteranomaly

42.4245, 0.3437, 0.3449

Tritanomaly

42.4961, 0.3229, 0.3251

Monochromacy



Original Color

42.6515, 0.3344, 0.3520

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4464, 0.3204, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6515, 0.3344, 0.3520 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(182, 174, 157)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 157)  
}
```

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(182, 174, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 157) }
```

Border

The CSS property to change the border of an element to Yxy 42.6515, 0.3344, 0.3520 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(182, 174, 157) }
```

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

```
.border{ border-color:rgb(182, 174, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 174, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 157);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6515, 0.3344, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 157) }
```

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

```
.background{ background-color: rgb(182,  
174, 157) }
```

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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