

Converting Colors

$Yxy(47.5704, 0.3131, 0.3537)$

Have a look what the booklet for
Yxy(47.5704, 0.3131, 0.3537)
contains.

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Color

Yxy(47.6394, 0.3132, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	ACBCAA
RGB	172, 188, 170
RGB Percent	67%, 74%, 67%
CMY	0.3257, 0.2627, 0.3334
CMYK	0.09, 0.00, 0.10, 0.26
HSL	113°, 12%, 70%
HSV	113°, 10%, 74%
XYZ	42.2442, 47.6394, 44.9958
YIQ	181.1640, -3.7580, -8.9900

Conversions

Conversions Part 2

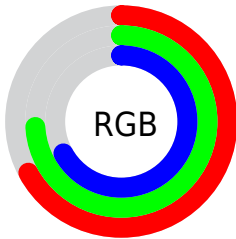
Format	Color
R _Y B	170, 188, 186
Decimal	11320490
CIE Lab	74.60, -8.93, 7.23
CIE LCh	75, 11.490, 140.999
Yxy	47.6394, 0.3132, 0.3532
Android (android.graphics.Color)	4289510570 (0xFFACBCAA)
YUV	181.1640, -5.5039, -8.0368
Hunter-Lab	69.0213, -11.5370, 9.6631

Details

The Yxy color $47.6394, 0.3132, 0.3532$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.8253, 0.3121, 0.3057$, and the grayscale version is $46.3307, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.4685, 0.3131, 0.3488$, and $22.6290, 0.3135, 0.3605$ is the 20% darker color. If you saturate the color by 10%, you get $45.2027, 0.3135, 0.3815$, and if you desaturate by 10%, it is $50.4210, 0.3127, 0.3280$.

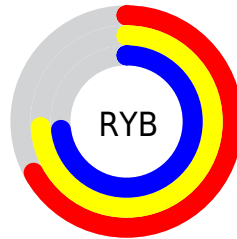
Distribution



Red (67%)

Green (74%)

Blue (67%)



Red (67%)

Yellow (74%)

Blue (73%)

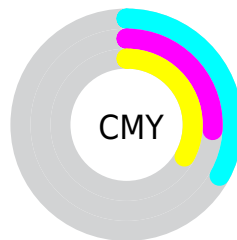


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (26%)



Cyan (33%)


Magenta (26%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6394, 0.3132, 0.3532 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 47.6394, 0.3132, 0.3532 by changing the saturation by 10% instead.


 47.6394, 0.3132,
0.3532

 47.6394, 0.3132,
0.3532


377.3610, 0.3131,
0.3410

 33.5414, 0.3132,
0.3563


 86.6673, 0.3132,
0.3487

 22.5415, 0.3132,
0.3603


112.3659, 0.3131,
0.3470

 14.2553, 0.3132,
0.3657


142.7003, 0.3131,
0.3456

 8.2985, 0.3130,
0.3734

178.0547, 0.3131,
0.3444

 4.2865, 0.3127,
0.3850

218.8136, 0.3131,
0.3434

 1.8351, 0.3118,
0.4049

265.3613, 0.3131,

 0.5089, 0.3228,

0.3425

0.6182

318.0823, 0.3131,
0.3417

0.0000, 0.0000,
0.0000

47.6394, 0.3132,
0.3532

47.6394, 0.3132,
0.3532

45.2027, 0.3135,
0.3815

50.4210, 0.3127,
0.3280

43.0915, 0.3136,
0.4128

53.5539, 0.3121,
0.3059

41.2940, 0.3133,
0.4463

57.0519, 0.3114,
0.2867

39.7951, 0.3125,
0.4809

60.9261, 0.3106,
0.2700

38.5785, 0.3112,
0.5146

64.4538, 0.3158,
0.2634

■ 37.6264, 0.3095,
0.5452

■ 36.9188, 0.3073,
0.5701

■ 36.4330, 0.3048,
0.5875

■ 36.1365, 0.3027,
0.5976

Harmonies

Analogous

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



47.6394, 0.3288, 0.3571



47.6394, 0.3132, 0.3532



47.6394, 0.2978, 0.3423

Triad

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



47.6394, 0.3132, 0.3532



47.6394, 0.2857, 0.3048



47.6394, 0.3396, 0.3294

Complementary

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



47.6394, 0.3132, 0.3532



42.8253, 0.3121, 0.3057

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.



47.6394, 0.3275, 0.3162



47.6394, 0.3132, 0.3532



47.6394, 0.2964, 0.3021

Square

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



47.6394, 0.3132, 0.3532



47.6394, 0.2821, 0.3140



47.6394, 0.3116, 0.3063



47.6394, 0.3443, 0.3428

Rectangle

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



47.6394, 0.3132, 0.3532



47.6394, 0.2896, 0.3327



47.6394, 0.3116, 0.3063



47.6394, 0.3362, 0.3248

Sweetspot

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



47.6414, 0.3132, 0.3532



89.5463, 0.3129, 0.3364



48.6774, 0.3271, 0.3496



19.1679, 0.3129, 0.3384



95.5105, 0.3127, 0.3290



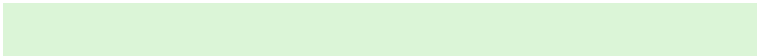
19.5994, 0.3127, 0.3290

Same Dimension

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



47.6414, 0.3132, 0.3532



85.1131, 0.3133, 0.3603



47.6897, 0.3064, 0.3439



10.6980, 0.3132, 0.3526



24.6089, 0.3030, 0.5976



0.9807, 0.3133, 0.5894

Inverse Universe

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



42.8253, 0.3121, 0.3057



74.2048, 0.3118, 0.2992



42.7817, 0.3196, 0.3146



9.6422, 0.3121, 0.3063



8.1262, 0.2940, 0.1393



0.3336, 0.3008, 0.1431

Previews

White Background



This preview shows how the Yxy color 47.6394, 0.3132, 0.3532 looks on a white background.

Color Contrast Check

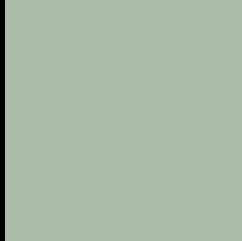
Large Text (above 18pt) WCAG AA × Fail

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 47.6394, 0.3132, 0.3532 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 47.6394, 0.3132, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 47.6394, 0.3132, 0.3532.



This preview shows how white text looks on a background with the Yxy color 47.6394, 0.3132, 0.3532.

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

47.6394, 0.3132, 0.3532

Protanopia

47.6041, 0.3317, 0.3497

Deuteranopia

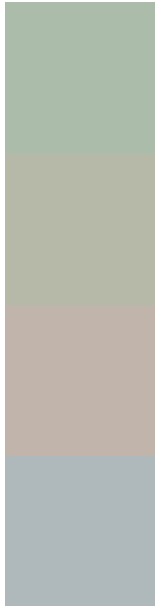
47.4020, 0.3420, 0.3353



Tritanopia

47.5883, 0.2956, 0.3109

Trichromacy



Original Color

47.6394, 0.3132, 0.3532

Protanomaly

47.5924, 0.3244, 0.3514

Deuteranomaly

47.3255, 0.3313, 0.3419

Tritanomaly

47.4427, 0.3022, 0.3250

Monochromacy



Original Color

47.6394, 0.3132, 0.3532

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.9203, 0.3131, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6394, 0.3132, 0.3532 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, 188, 170)` looks like.

```
.text, #text, p{  
    color:rgb(172, 188, 170)  
}
```

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, 188, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 188, 170) }
```

Border

The CSS property to change the border of an element to Yxy 47.6394, 0.3132, 0.3532 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, 188, 170) }
```

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

```
.border{ border-color:rgb(172, 188, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 188, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 188, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 188, 170);  
box-shadow:4px 4px 4px 4px rgb(172, 188,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6394, 0.3132, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 188, 170) }
```

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

```
.background{ background-color: rgb(172,  
188, 170) }
```

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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