

Converting Colors

$Yxy(46.9184, 0.3409, 0.3556)$

Have a look what the booklet for
Yxy(46.9184, 0.3409, 0.3556)
contains.

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Color

Yxy(47.0551, 0.3414, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	C2B5A0
RGB	194, 181, 160
RGB Percent	76%, 71%, 63%
CMY	0.2393, 0.2901, 0.3725
CMYK	0.00, 0.07, 0.18, 0.24
HSL	37°, 22%, 69%
HSV	37°, 18%, 76%
XYZ	45.1126, 47.0551, 39.9724
YIQ	182.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

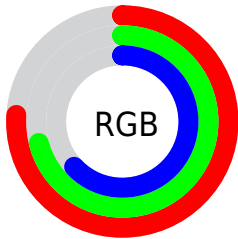
Format	Color
RYB	181, 194, 160
Decimal	12760480
CIELab	74.22, 1.12, 12.35
CIELCh	74, 12.404, 84.811
Yxy	47.0551, 0.3414, 0.3561
Android (android.graphics.Color)	4290950560 (0xFFC2B5A0)
YUV	182.4930, -11.0890, 10.0916
Hunter-Lab	68.5967, -2.6537, 13.4685

Details

The Yxy color $47.0551, 0.3414, 0.3561$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.2486, 0.2852, 0.3003$, and the grayscale version is $47.1176, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9839, 0.3362, 0.3511$, and $22.1179, 0.3489, 0.3624$ is the 20% darker color. If you saturate the color by 10%, you get $43.4989, 0.3602, 0.3724$, and if you desaturate by 10%, it is $50.8814, 0.3243, 0.3403$.

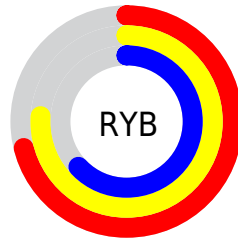
Distribution



Red (76%)

Green (71%)

Blue (63%)



Red (71%)

Yellow (76%)

Blue (63%)

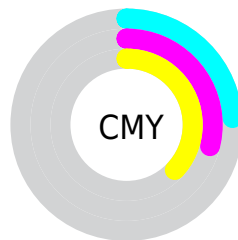


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (29%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0551, 0.3414, 0.3561 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 47.0551, 0.3414, 0.3561 by changing the saturation by 10% instead.


 47.0551, 0.3414,
0.3561

 47.0551, 0.3414,
0.3561


375.0344, 0.3271,
0.3426

 33.0792, 0.3450,
0.3594


 85.7959, 0.3362,
0.3512

 22.1871, 0.3495,
0.3637


 111.3295, 0.3342,
0.3494

 13.9945, 0.3556,
0.3694


141.4846, 0.3326,
0.3478

 8.1168, 0.3641,
0.3771

176.6454, 0.3312,
0.3465

 4.1698, 0.3765,
0.3886

217.1964, 0.3299,
0.3453

 1.7690, 0.3970,
0.4071

263.5220, 0.3289,

 0.4677, 0.5022,

0.3443

0.4978

316.0065, 0.3279,
0.3434

0.0000, 0.0000,
0.0000

47.0551, 0.3414,
0.3561

47.0551, 0.3414,
0.3561

43.4989, 0.3602,
0.3724

50.8814, 0.3243,
0.3403

40.1991, 0.3808,
0.3887

54.9786, 0.3091,
0.3253

37.1502, 0.4026,
0.4043

59.3553, 0.2955,
0.3113

34.3436, 0.4252,
0.4182

64.0180, 0.2834,
0.2983

31.7705, 0.4476,
0.4295

68.8427, 0.2739,
0.2885

■ 29.4208, 0.4688,
0.4368

■ 72.7692, 0.2746,
0.2968

■ 27.2833, 0.4875,
0.4392

■ 76.8693, 0.2753,
0.3050

■ 25.3431, 0.5031,
0.4367

■ 81.1453, 0.2760,
0.3131

■ 24.8835, 0.5069,
0.4357

■ 85.5991, 0.2766,
0.3211

Harmonies

Analogous

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



47.0551, 0.3469, 0.3456



47.0551, 0.3414, 0.3561



47.0551, 0.3281, 0.3595

Triad

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



47.0551, 0.3414, 0.3561



47.0551, 0.2833, 0.3255



47.0551, 0.3137, 0.3056

Complementary

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



47.0551, 0.3414, 0.3561



41.2486, 0.2852, 0.3003

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.



47.0551, 0.2969, 0.3001



47.0551, 0.3414, 0.3561



47.0551, 0.2796, 0.3111

Square

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



47.0551, 0.3414, 0.3561



47.0551, 0.2946, 0.3415



47.0551, 0.2845, 0.3020



47.0551, 0.3307, 0.3168

Rectangle

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



47.0551, 0.3414, 0.3561



47.0551, 0.3168, 0.3569



47.0551, 0.2845, 0.3020



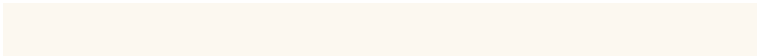
47.0551, 0.3079, 0.3030

Sweetspot

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



47.0572, 0.3414, 0.3561



93.9696, 0.3205, 0.3366



39.6333, 0.3336, 0.3122



20.4641, 0.3216, 0.3377



0.0000, 0.0000, 0.0000



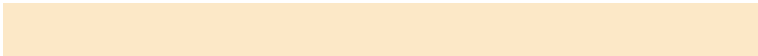
21.4041, 0.3127, 0.3290

Same Dimension

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



47.0572, 0.3414, 0.3561



82.7585, 0.3484, 0.3623



52.0569, 0.3353, 0.3724



11.0916, 0.3274, 0.3432



16.5283, 0.5054, 0.4369



0.8439, 0.4814, 0.4559

Inverse Universe

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



41.2486, 0.2852, 0.3003



70.2714, 0.2789, 0.2933



36.9339, 0.2878, 0.2826



10.3641, 0.2984, 0.3144



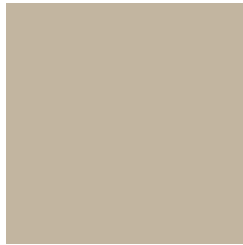
5.9320, 0.1675, 0.1228



0.3897, 0.1802, 0.1688

Previews

White Background



This preview shows how the Yxy color 47.0551, 0.3414, 0.3561 looks on a white background.

Color Contrast Check

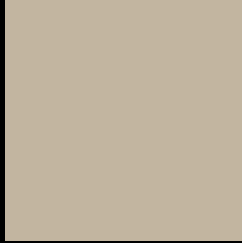
Large Text (above 18pt) WCAG AA × Fail

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 47.0551, 0.3414, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

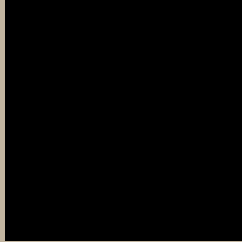
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

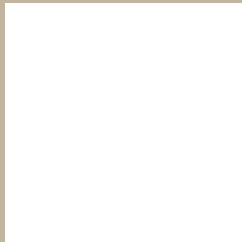
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0551, 0.3414, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 47.0551, 0.3414, 0.3561.



This preview shows how white text looks on a background with the Yxy color 47.0551, 0.3414, 0.3561.

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

47.0551, 0.3414, 0.3561

Protanopia

47.1055, 0.3377, 0.3563

Deuteranopia

47.0338, 0.3546, 0.3477



Tritanopia

47.1678, 0.3204, 0.3129

Trichromacy



Original Color

47.0551, 0.3414, 0.3561

Protanomaly

47.2356, 0.3386, 0.3562

Deuteranomaly

47.1105, 0.3495, 0.3505

Tritanomaly

46.9658, 0.3286, 0.3278

Monochromacy



Original Color

47.0551, 0.3414, 0.3561

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9510, 0.3226, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0551, 0.3414, 0.3561 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(194, 181, 160)` looks like.

```
.text, #text, p{  
    color:rgb(194, 181, 160)  
}
```

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(194, 181, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 181, 160) }
```

Border

The CSS property to change the border of an element to Yxy 47.0551, 0.3414, 0.3561 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(194, 181, 160) }
```

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

```
.border{ border-color:rgb(194, 181, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 181, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 181, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 181, 160);  
box-shadow:4px 4px 4px 4px rgb(194, 181,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0551, 0.3414, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 181, 160) }
```

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

```
.background{ background-color: rgb(194,  
181, 160) }
```

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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