

Converting Colors

$Yxy(40.7406, 0.3468, 0.3438)$

Have a look what the booklet for
Yxy(40.7406, 0.3468, 0.3438)
contains.

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Color

Yxy(40.7154, 0.3464, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	BFA69B
RGB	191, 166, 155
RGB Percent	75%, 65%, 61%
CMY	0.2511, 0.3490, 0.3921
CMYK	0.00, 0.13, 0.19, 0.25
HSL	18°, 22%, 68%
HSV	18°, 19%, 75%
XYZ	41.0352, 40.7154, 36.7114
YIQ	172.2210, 18.4310, 1.8790

Conversions

Conversions Part 2

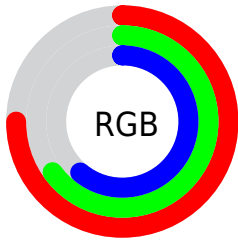
Format	Color
RYB	191, 171, 155
Decimal	12560027
CIELab	69.98, 7.31, 9.03
CIElCh	70, 11.622, 51.008
Yxy	40.7154, 0.3464, 0.3437
Android (android.graphics.Color)	4290750107 (0xFFBFA69B)
YUV	172.2210, -8.4900, 16.4692
Hunter-Lab	63.8086, 3.1281, 10.5544

Details

The Yxy color $40.7154, 0.3464, 0.3437$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $43.3650, 0.2840, 0.3138$, and the grayscale version is $41.4098, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.2728, 0.3406, 0.3414$, and $18.3525, 0.3565, 0.3474$ is the 20% darker color. If you saturate the color by 10%, you get $35.5508, 0.3691, 0.3521$, and if you desaturate by 10%, it is $46.4821, 0.3272, 0.3357$.

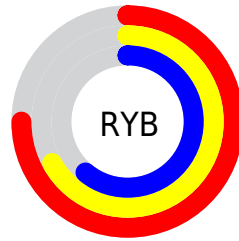
Distribution



Red (75%)

Green (65%)

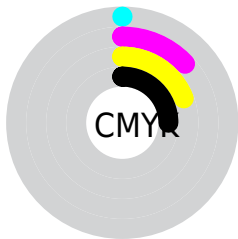
Blue (61%)



Red (75%)

Yellow (67%)

Blue (61%)

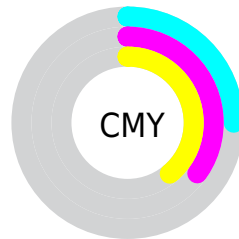


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7154, 0.3464, 0.3437 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 40.7154, 0.3464, 0.3437 by changing the saturation by 10% instead.


 40.7154, 0.3464,
0.3437


 40.7154, 0.3464,
0.3437


349.1297, 0.3291,
0.3364

 28.0968, 0.3509,
0.3455


 76.2517, 0.3400,
0.3411

 18.3986, 0.3567,
0.3478


 99.9381, 0.3376,
0.3401

 11.2366, 0.3647,
0.3508


128.0826, 0.3356,
0.3392

 6.2262, 0.3761,
0.3550

161.0695, 0.3339,
0.3385

 2.9831, 0.3939,
0.3610

199.2833, 0.3325,
0.3379

 1.1229, 0.4324,
0.3763

243.1084, 0.3312,

 0.0000, 1.0000,

0.3373

0.0000

292.9290, 0.3301,
0.3368

0.0000, 0.0000,
0.0000

40.7154, 0.3464,
0.3437

40.7154, 0.3464,
0.3437

35.5508, 0.3691,
0.3521

46.4821, 0.3272,
0.3357

30.9630, 0.3956,
0.3604

52.8642, 0.3110,
0.3282

26.9330, 0.4261,
0.3682

59.8814, 0.2973,
0.3212

23.4387, 0.4601,
0.3747

67.5509, 0.2857,
0.3148

20.4563, 0.4964,
0.3787

75.8893, 0.2759,
0.3090

■ 17.9600, 0.5327,
0.3791

■ 83.9360, 0.2748,
0.3188

■ 15.9215, 0.5655,
0.3749

■ 89.8137, 0.2757,
0.3289

■ 14.3051, 0.5922,
0.3666

■ 14.1406, 0.5951,
0.3657

Harmonies

Analogous

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



40.7154, 0.3414, 0.3294



40.7154, 0.3464, 0.3437



40.7154, 0.3421, 0.3547

Triad

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



40.7154, 0.3464, 0.3437



40.7154, 0.2968, 0.3432



40.7154, 0.2953, 0.3004

Complementary

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



40.7154, 0.3464, 0.3437



43.3650, 0.2840, 0.3138

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.



40.7154, 0.2839, 0.3032



40.7154, 0.3464, 0.3437



40.7154, 0.2848, 0.3276

Square

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



40.7154, 0.3464, 0.3437



40.7154, 0.3132, 0.3548



40.7154, 0.2802, 0.3129



40.7154, 0.3115, 0.3049

Rectangle

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



40.7154, 0.3464, 0.3437



40.7154, 0.3346, 0.3585



40.7154, 0.2802, 0.3129



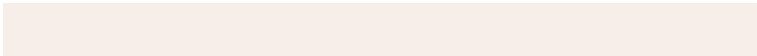
40.7154, 0.2908, 0.3005

Sweetspot

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



40.7172, 0.3464, 0.3437



86.2889, 0.3225, 0.3336



37.8235, 0.3247, 0.2962



18.7866, 0.3236, 0.3341



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



40.7172, 0.3464, 0.3437



68.6178, 0.3562, 0.3475



47.6327, 0.3423, 0.3664



9.9995, 0.3281, 0.3361



9.4218, 0.5927, 0.3676



0.4883, 0.5443, 0.4060

Inverse Universe

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



43.3650, 0.2840, 0.3138



74.3106, 0.2771, 0.3097



36.6437, 0.2825, 0.2886



10.3036, 0.2985, 0.3218



13.5704, 0.1965, 0.2273



0.6421, 0.2041, 0.2546

Previews

White Background



This preview shows how the Yxy color 40.7154, 0.3464, 0.3437 looks on a white background.

Color Contrast Check

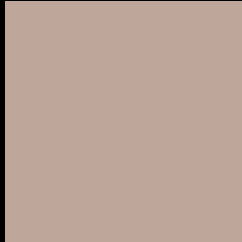
Large Text (above 18pt) WCAG AA × Fail

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 40.7154, 0.3464, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

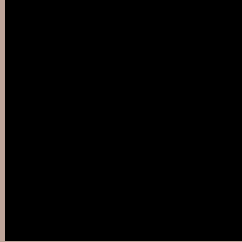
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7154, 0.3464, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 40.7154, 0.3464, 0.3437.



This preview shows how white text looks on a background with the Yxy color 40.7154, 0.3464, 0.3437.

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

40.7154, 0.3464, 0.3437

Protanopia

40.9073, 0.3302, 0.3483

Deuteranopia

40.7462, 0.3496, 0.3423



Tritanopia

40.7983, 0.3305, 0.3123

Trichromacy



Original Color

40.7154, 0.3464, 0.3437

Protanomaly

40.7213, 0.3362, 0.3468

Deuteranomaly

40.6143, 0.3486, 0.3423

Tritanomaly

40.7155, 0.3367, 0.3238

Monochromacy



Original Color

40.7154, 0.3464, 0.3437

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0863, 0.3244, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7154, 0.3464, 0.3437 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(191, 166, 155)` looks like.

```
.text, #text, p{  
    color:rgb(191, 166, 155)  
}
```

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(191, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 166, 155) }
```

Border

The CSS property to change the border of an element to Yxy 40.7154, 0.3464, 0.3437 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(191, 166, 155) }
```

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

```
.border{ border-color:rgb(191, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 166, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 166, 155);  
box-shadow:4px 4px 4px 4px rgb(191, 166,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7154, 0.3464, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 166, 155) }
```

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

```
.background{ background-color: rgb(191,  
166, 155) }
```

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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