

Converting Colors

$Yxy(40.9362, 0.3363, 0.3304)$

Have a look what the booklet for
Yxy(40.9362, 0.3363, 0.3304)
contains.

Yxy(40.9362, 0.3363, 0.3304)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.9362, 0.3363, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	BEA6A5
RGB	190, 166, 165
RGB Percent	75%, 65%, 65%
CMY	0.2548, 0.3490, 0.3530
CMYK	0.00, 0.13, 0.13, 0.25
HSL	2°, 16%, 70%
HSV	2°, 13%, 75%
XYZ	41.6672, 40.9362, 41.2955
YIQ	173.0620, 14.6250, 4.7770

Conversions

Conversions Part 2

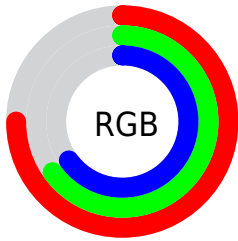
Format	Color
RYB	190, 166, 165
Decimal	12494501
CIELab	70.13, 8.57, 3.73
CIELCh	70, 9.351, 23.524
Yxy	40.9362, 0.3363, 0.3304
Android (android.graphics.Color)	4290684581 (0xFFBEA6A5)
YUV	173.0620, -3.9746, 14.8546
Hunter-Lab	63.9814, 4.2788, 6.5194

Details

The Yxy color $40.9362, 0.3363, 0.3304$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $48.1206, 0.2928, 0.3276$, and the grayscale version is $41.8394, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4730, 0.3314, 0.3301$, and $18.4611, 0.3433, 0.3309$ is the 20% darker color. If you saturate the color by 10%, you get $34.1301, 0.3593, 0.3316$, and if you desaturate by 10%, it is $48.7889, 0.3178, 0.3293$.

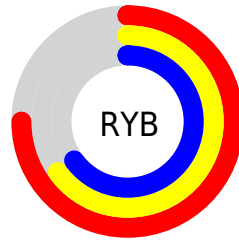
Distribution



Red (75%)

Green (65%)

Blue (65%)



Red (75%)

Yellow (65%)

Blue (65%)

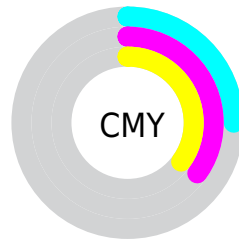


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9362, 0.3363, 0.3304 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 40.9362, 0.3363, 0.3304 by changing the saturation by 10% instead.

 40.9362, 0.3363,
0.3304

 40.9362, 0.3363,
0.3304


350.0539, 0.3242,
0.3298

 28.2692, 0.3394,
0.3305


 76.5870, 0.3318,
0.3302

 18.5287, 0.3435,
0.3307


 100.3397, 0.3302,
0.3301

 11.3302, 0.3491,
0.3308


128.5564, 0.3288,
0.3300

 6.2894, 0.3571,
0.3310

161.6215, 0.3276,
0.3300

 3.0219, 0.3695,
0.3310

199.9194, 0.3266,
0.3299

 1.1432, 0.3916,
0.3306

243.8345, 0.3257,

 0.0145, 0.9389,

0.3299

0.0611

293.7512, 0.3249,
0.3298

0.0000, 0.0000,
0.0000

40.9362, 0.3363,
0.3304

40.9362, 0.3363,
0.3304

34.1301, 0.3593,
0.3316

48.7889, 0.3178,
0.3293

28.3213, 0.3876,
0.3328

57.7241, 0.3029,
0.3283

23.4645, 0.4221,
0.3339

67.7825, 0.2908,
0.3274

19.5091, 0.4628,
0.3348

79.0013, 0.2810,
0.3266

16.3995, 0.5082,
0.3354

89.6910, 0.2752,
0.3289

■ 14.0742, 0.5547,
0.3353

■ 12.4630, 0.5959,
0.3344

■ 11.4838, 0.6249,
0.3328

■ 11.1173, 0.6373,
0.3322

Harmonies

Analogous

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



40.9362, 0.3264, 0.3189



40.9362, 0.3363, 0.3304



40.9362, 0.3397, 0.3418

Triad

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



40.9362, 0.3363, 0.3304



40.9362, 0.3120, 0.3490



40.9362, 0.2901, 0.3078

Complementary

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



40.9362, 0.3363, 0.3304



48.1206, 0.2928, 0.3276

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.



40.9362, 0.2865, 0.3153



40.9362, 0.3363, 0.3304



40.9362, 0.2989, 0.3394

Square

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



40.9362, 0.3363, 0.3304



40.9362, 0.3255, 0.3530



40.9362, 0.2897, 0.3269



40.9362, 0.2997, 0.3060

Rectangle

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



40.9362, 0.3363, 0.3304



40.9362, 0.3378, 0.3479



40.9362, 0.2897, 0.3269



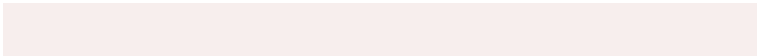
40.9362, 0.2881, 0.3097

Sweetspot

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



40.9380, 0.3363, 0.3304



87.0436, 0.3193, 0.3294



41.5388, 0.3149, 0.2980



18.8638, 0.3206, 0.3295



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.



40.9380, 0.3363, 0.3304



70.1634, 0.3429, 0.3308



45.6444, 0.3341, 0.3465



9.5964, 0.3287, 0.3300



7.4176, 0.6366, 0.3328



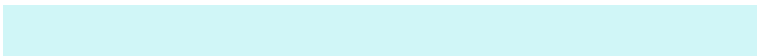
0.3119, 0.6234, 0.3432

Inverse Universe

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



48.1206, 0.2928, 0.3276



85.8763, 0.2884, 0.3273



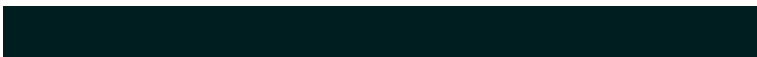
43.0321, 0.2924, 0.3109



10.7418, 0.2985, 0.3280



24.8394, 0.2213, 0.3165



0.9936, 0.2221, 0.3197

Previews

White Background



This preview shows how the Yxy color 40.9362, 0.3363, 0.3304 looks on a white background.

Color Contrast Check

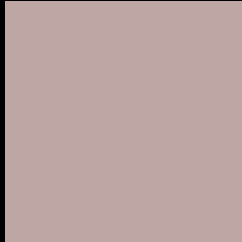
Large Text (above 18pt) WCAG AA × Fail

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 40.9362, 0.3363, 0.3304 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 40.9362, 0.3363, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 40.9362, 0.3363, 0.3304.



This preview shows how white text looks on a background with the Yxy color 40.9362, 0.3363, 0.3304.

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

40.9362, 0.3363, 0.3304

Protanopia

41.0669, 0.3189, 0.3331

Deuteranopia

41.0654, 0.3372, 0.3304



Tritanopia

40.9317, 0.3276, 0.3122

Trichromacy



Original Color

40.9362, 0.3363, 0.3304

Protanomaly

40.8693, 0.3246, 0.3317

Deuteranomaly

41.0654, 0.3372, 0.3304

Tritanomaly

41.0038, 0.3301, 0.3186

Monochromacy



Original Color

40.9362, 0.3363, 0.3304

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2354, 0.3209, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9362, 0.3363, 0.3304 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(190, 166, 165)` looks like.

```
.text, #text, p{  
    color:rgb(190, 166, 165)  
}
```

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(190, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 166, 165) }
```

Border

The CSS property to change the border of an element to Yxy 40.9362, 0.3363, 0.3304 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(190, 166, 165) }
```

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

```
.border{ border-color:rgb(190, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(190, 166,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9362, 0.3363, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 166, 165) }
```

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

```
.background{ background-color: rgb(190,  
166, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor