

Converting Colors

$Yxy(41.1376, 0.3547, 0.3435)$

Have a look what the booklet for
Yxy(41.1376, 0.3547, 0.3435)
contains.

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Color

Yxy(41.2491, 0.3545, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	C6A59A
RGB	198, 165, 154
RGB Percent	78%, 65%, 60%
CMY	0.2234, 0.3530, 0.3961
CMYK	0.00, 0.17, 0.22, 0.22
HSL	15°, 28%, 69%
HSV	15°, 22%, 78%
XYZ	42.5824, 41.2491, 36.2882
YIQ	173.6130, 23.1990, 3.5750

Conversions

Conversions Part 2

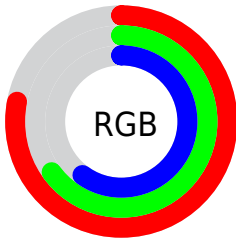
Format	Color
R _Y B	198, 169, 154
Decimal	13018522
CIE Lab	70.35, 10.39, 10.22
CIE LCh	70, 14.572, 44.509
Yxy	41.2491, 0.3545, 0.3434
Android (android.graphics.Color)	4291208602 (0xFFC6A59A)
YUV	173.6130, -9.6692, 21.3874
Hunter-Lab	64.2255, 5.9536, 11.4583

Details

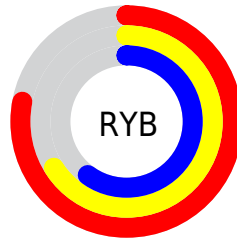
The Yxy color $41.2491, 0.3545, 0.3434$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $46.5046, 0.2790, 0.3141$, and the grayscale version is $42.1624, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0005, 0.3467, 0.3413$, and $18.7188, 0.3679, 0.3468$ is the 20% darker color. If you saturate the color by 10%, you get $35.5926, 0.3794, 0.3503$, and if you desaturate by 10%, it is $47.6410, 0.3336, 0.3367$.

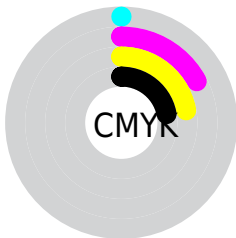
Distribution



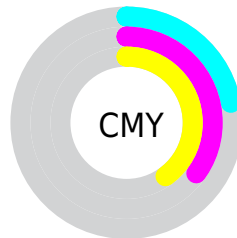
- Red (78%)
- Green (65%)
- Blue (60%)



- Red (78%)
- Yellow (66%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2491, 0.3545, 0.3434 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 41.2491, 0.3545, 0.3434 by changing the saturation by 10% instead.


 41.2491, 0.3545,
0.3434


 41.2491, 0.3545,
0.3434


351.3606, 0.3330,
0.3364

 28.5138, 0.3600,
0.3451


 77.0619, 0.3466,
0.3409

 18.7133, 0.3673,
0.3472


 100.9082, 0.3436,
0.3400

 11.4633, 0.3771,
0.3499


129.2268, 0.3411,
0.3391

 6.3794, 0.3912,
0.3535

162.4024, 0.3390,
0.3384

 3.0771, 0.4129,
0.3583

200.8191, 0.3372,
0.3378

 1.1721, 0.4593,
0.3716

244.8615, 0.3356,

 0.0388, 0.8823,

0.3373

0.1177

294.9139, 0.3343,
0.3368

0.0000, 0.0000,
0.0000

41.2491, 0.3545,
0.3434

41.2491, 0.3545,
0.3434

35.5926, 0.3794,
0.3503

47.6410, 0.3336,
0.3367

30.6392, 0.4086,
0.3571

54.7877, 0.3162,
0.3304

26.3626, 0.4423,
0.3631

62.7152, 0.3016,
0.3245

22.7328, 0.4797,
0.3676

71.4463, 0.2895,
0.3191

19.7170, 0.5190,
0.3694

81.0028, 0.2792,
0.3143

■ 17.2798, 0.5568,
0.3675

■ 90.2047, 0.2794,
0.3280

■ 15.3815, 0.5888,
0.3615

■ 90.7500, 0.2795,
0.3289

■ 14.2443, 0.6085,
0.3550

Harmonies

Analogous

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



41.2491, 0.3458, 0.3254



41.2491, 0.3545, 0.3434



41.2491, 0.3515, 0.3585

Triad

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



41.2491, 0.3545, 0.3434



41.2491, 0.2969, 0.3506



41.2491, 0.2872, 0.2935

Complementary

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



41.2491, 0.3545, 0.3434



46.5046, 0.2790, 0.3141

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.



41.2491, 0.2751, 0.2987



41.2491, 0.3545, 0.3434



41.2491, 0.2805, 0.3314

Square

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



41.2491, 0.3545, 0.3434



41.2491, 0.3179, 0.3635



41.2491, 0.2727, 0.3123



41.2491, 0.3064, 0.2973

Rectangle

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



41.2491, 0.3545, 0.3434



41.2491, 0.3435, 0.3647



41.2491, 0.2727, 0.3123



41.2491, 0.2822, 0.2942

Sweetspot

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



41.2510, 0.3545, 0.3434



90.6538, 0.3243, 0.3334



38.7411, 0.3246, 0.2864



19.2381, 0.3254, 0.3338



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.



41.2510, 0.3545, 0.3434



67.6850, 0.3668, 0.3470



49.5829, 0.3489, 0.3700



11.0601, 0.3283, 0.3348



9.3764, 0.6062, 0.3568



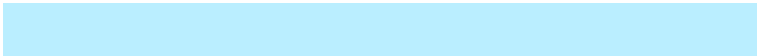
0.5632, 0.5641, 0.3903

Inverse Universe

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



46.5046, 0.2790, 0.3141



78.7154, 0.2714, 0.3102



38.1267, 0.2768, 0.2843



11.6016, 0.2984, 0.3231



16.6811, 0.2019, 0.2469



0.8996, 0.2072, 0.2660

Previews

White Background



This preview shows how the Yxy color 41.2491, 0.3545, 0.3434 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 41.2491, 0.3545, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

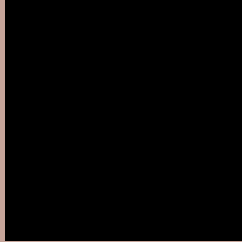
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2491, 0.3545, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 41.2491, 0.3545, 0.3434.



This preview shows how white text looks on a background with the Yxy color 41.2491, 0.3545, 0.3434.

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

41.2491, 0.3545, 0.3434

Protanopia

41.5231, 0.3319, 0.3496

Deuteranopia

41.3413, 0.3522, 0.3448



Tritanopia

41.2152, 0.3373, 0.3126

Trichromacy



Original Color

41.2491, 0.3545, 0.3434

Protanomaly

41.2153, 0.3400, 0.3466

Deuteranomaly

41.4758, 0.3532, 0.3447

Tritanomaly

41.1265, 0.3436, 0.3240

Monochromacy



Original Color

41.2491, 0.3545, 0.3434

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9831, 0.3271, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2491, 0.3545, 0.3434 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(198, 165, 154)` looks like.

```
.text, #text, p{  
    color:rgb(198, 165, 154)  
}
```

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(198, 165, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 165, 154) }
```

Border

The CSS property to change the border of an element to Yxy 41.2491, 0.3545, 0.3434 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(198, 165, 154) }
```

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

```
.border{ border-color:rgb(198, 165, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 165, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 165, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 165, 154);  
box-shadow:4px 4px 4px 4px rgb(198, 165,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2491, 0.3545, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 165, 154) }
```

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

```
.background{ background-color: rgb(198,  
165, 154) }
```

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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