

Converting Colors

$Yxy(41.2413, 0.3765, 0.3586)$

Have a look what the booklet for
Yxy(41.2413, 0.3765, 0.3586)
contains.

Yxy(41.2096, 0.3765, 0.3584)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.2096, 0.3765, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	CEA38C
RGB	206, 163, 140
RGB Percent	81%, 64%, 55%
CMY	0.1920, 0.3608, 0.4510
CMYK	0.00, 0.21, 0.32, 0.19
HSL	21°, 40%, 68%
HSV	21°, 32%, 81%
XYZ	43.2908, 41.2096, 30.4818
YIQ	173.2350, 33.0110, 1.9630

Conversions

Conversions Part 2

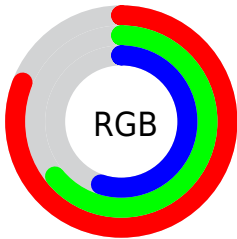
Format	Color
R_{YB}	206, 175, 140
Decimal	13542284
CIE _{Lab}	70.32, 12.62, 18.00
CIE _{LCh}	70, 21.981, 54.960
Yxy	41.2096, 0.3765, 0.3584
Android (android.graphics.Color)	4291732364 (0xFFCEA38C)
YUV	173.2350, -16.3849, 28.7349
Hunter-Lab	64.1947, 8.0337, 16.7834

Details

The Yxy color $41.2096, 0.3765, 0.3584$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $43.9151, 0.2635, 0.2974$, and the grayscale version is $41.9899, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.2978, 0.3572, 0.3537$, and $18.5911, 0.3950, 0.3652$ is the 20% darker color. If you saturate the color by 10%, you get $36.1416, 0.4036, 0.3678$, and if you desaturate by 10%, it is $46.9016, 0.3530, 0.3488$.

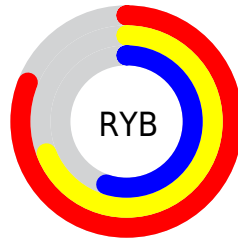
Distribution



Red (81%)

Green (64%)

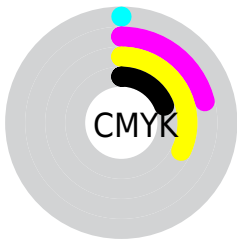
Blue (55%)



Red (81%)

Yellow (69%)

Blue (55%)

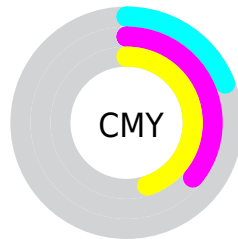


Cyan (0%)

Magenta (21%)

Yellow (32%)

Black (19%)



Cyan (19%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2096, 0.3765, 0.3584 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 41.2096, 0.3765, 0.3584 by changing the saturation by 10% instead.


 41.2096, 0.3765,
0.3584


 41.2096, 0.3765,
0.3584


351.1959, 0.3437,
0.3442


 28.4829, 0.3849,
0.3617


 77.0020, 0.3644,
0.3534

 18.6900, 0.3958,
0.3658


 100.8364, 0.3599,
0.3515

 11.4465, 0.4106,
0.3710


 129.1423, 0.3561,
0.3498

 6.3680, 0.4313,
0.3776

162.3039, 0.3529,
0.3484

 3.0701, 0.4625,
0.3856

200.7056, 0.3501,
0.3471

 1.1684, 0.5660,
0.4340

244.7320, 0.3477,

 0.0357, 0.9055,

0.3460

0.0945

294.7672, 0.3456,
0.3451

0.0000, 0.0000,
0.0000

41.2096, 0.3765,
0.3584

41.2096, 0.3765,
0.3584

36.1416, 0.4036,
0.3678

46.9016, 0.3530,
0.3488

31.6698, 0.4341,
0.3764

53.2328, 0.3330,
0.3395

27.7725, 0.4676,
0.3832

60.2249, 0.3159,
0.3307

24.4245, 0.5024,
0.3869

67.8970, 0.3014,
0.3226

21.5983, 0.5360,
0.3864

76.2672, 0.2891,
0.3150

■ 19.2633, 0.5655,
0.3808

■ 84.7856, 0.2831,
0.3170

■ 17.7285, 0.5851,
0.3736

■ 91.8665, 0.2838,
0.3289

Harmonies

Analogous

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



41.2096, 0.3694, 0.3323



41.2096, 0.3765, 0.3584



41.2096, 0.3655, 0.3787

Triad

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



41.2096, 0.3765, 0.3584



41.2096, 0.2791, 0.3522



41.2096, 0.2834, 0.2770

Complementary

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



41.2096, 0.3765, 0.3584



43.9151, 0.2635, 0.2974

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.



41.2096, 0.2614, 0.2794



41.2096, 0.3765, 0.3584



41.2096, 0.2590, 0.3214

Square

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



41.2096, 0.3765, 0.3584



41.2096, 0.3087, 0.3768



41.2096, 0.2528, 0.2949



41.2096, 0.3142, 0.2869

Rectangle

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



41.2096, 0.3765, 0.3584



41.2096, 0.3499, 0.3855



41.2096, 0.2528, 0.2949



41.2096, 0.2748, 0.2763

Sweetspot

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



41.2115, 0.3765, 0.3584



88.3156, 0.3295, 0.3378



35.3432, 0.3379, 0.2746



18.5708, 0.3320, 0.3391



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.



41.2115, 0.3765, 0.3584



61.3627, 0.3935, 0.3645



54.0619, 0.3645, 0.3963



11.8420, 0.3281, 0.3371



11.0779, 0.5824, 0.3757



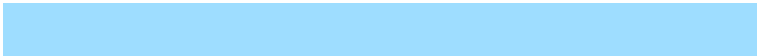
0.7129, 0.5445, 0.4058

Inverse Universe

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



43.9151, 0.2635, 0.2974



66.3476, 0.2539, 0.2900



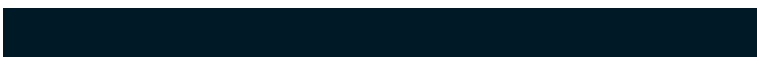
32.1671, 0.2579, 0.2512



12.0438, 0.2983, 0.3207



13.4756, 0.1922, 0.2118



0.8338, 0.1993, 0.2374

Previews

White Background



This preview shows how the Yxy color 41.2096, 0.3765, 0.3584 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 41.2096, 0.3765, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

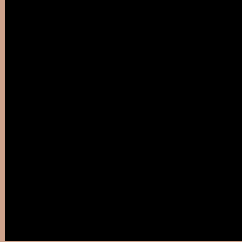
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2096, 0.3765, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 41.2096, 0.3765, 0.3584.



This preview shows how white text looks on a background with the Yxy color 41.2096, 0.3765, 0.3584.

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

41.2096, 0.3765, 0.3584

Protanopia

41.4637, 0.3462, 0.3674

Deuteranopia

41.0831, 0.3697, 0.3616



Tritanopia

41.2919, 0.3504, 0.3142

Trichromacy



Original Color

41.2096, 0.3765, 0.3584

Protanomaly

41.4355, 0.3567, 0.3638

Deuteranomaly

41.0009, 0.3721, 0.3601

Tritanomaly

41.0896, 0.3599, 0.3291

Monochromacy



Original Color

41.2096, 0.3765, 0.3584

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2634, 0.3346, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2096, 0.3765, 0.3584 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(206, 163, 140)` looks like.

```
.text, #text, p{  
    color:rgb(206, 163, 140)  
}
```

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(206, 163, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 163, 140) }
```

Border

The CSS property to change the border of an element to Yxy 41.2096, 0.3765, 0.3584 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(206, 163, 140) }
```

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

```
.border{ border-color:rgb(206, 163, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 163, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 163, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 163, 140);  
box-shadow:4px 4px 4px 4px rgb(206, 163,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2096, 0.3765, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 163, 140) }
```

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

```
.background{ background-color: rgb(206,  
163, 140) }
```

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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