

Converting Colors

$Yxy(41.2442, 0.3462, 0.3436)$

Have a look what the booklet for
Yxy(41.2442, 0.3462, 0.3436)
contains.

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Color

Yxy(41.2442, 0.3462, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	C0A79C
RGB	192, 167, 156
RGB Percent	75%, 65%, 61%
CMY	0.2471, 0.3451, 0.3881
CMYK	0.00, 0.13, 0.19, 0.25
HSL	18°, 22%, 68%
HSV	18°, 19%, 75%
XYZ	41.5563, 41.2442, 37.2350
YIQ	173.2210, 18.4310, 1.8790

Conversions

Conversions Part 2

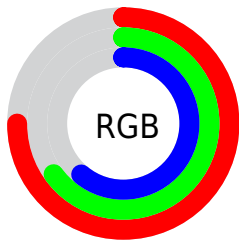
Format	Color
RYB	192, 172, 156
Decimal	12625820
CIELab	70.35, 7.31, 9.01
CIElCh	70, 11.604, 50.965
Yxy	41.2442, 0.3462, 0.3436
Android (android.graphics.Color)	4290815900 (0xFFC0A79C)
YUV	173.2210, -8.4900, 16.4692
Hunter-Lab	64.2216, 3.1152, 10.5795

Details

The Yxy color $41.2442, 0.3462, 0.3436$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $43.9247, 0.2841, 0.3139$, and the grayscale version is $41.9458, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0354, 0.3404, 0.3414$, and $18.6847, 0.3561, 0.3472$ is the 20% darker color. If you saturate the color by 10%, you get $36.0090, 0.3689, 0.3520$, and if you desaturate by 10%, it is $47.0898, 0.3270, 0.3356$.

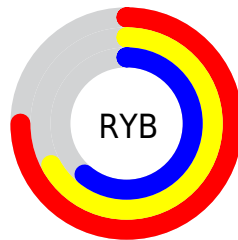
Distribution



Red (75%)

Green (65%)

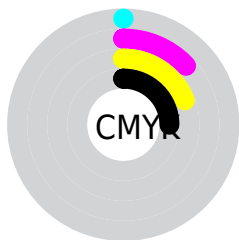
Blue (61%)



Red (75%)

Yellow (67%)

Blue (61%)

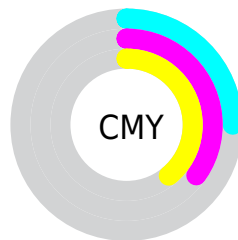


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (25%)



Cyan (25%)


Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2442, 0.3462, 0.3436 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 41.2442, 0.3462, 0.3436 by changing the saturation by 10% instead.


 41.2442, 0.3462,
0.3436


 41.2442, 0.3462,
0.3436


351.3402, 0.3290,
0.3364

 28.5099, 0.3506,
0.3454


 77.0545, 0.3398,
0.3410

 18.7104, 0.3564,
0.3477

 100.8993, 0.3375,
0.3400

 11.4612, 0.3643,
0.3506


129.2164, 0.3355,
0.3392

 6.3780, 0.3755,
0.3547

162.3902, 0.3338,
0.3384

 3.0762, 0.3930,
0.3606

200.8050, 0.3324,
0.3378

 1.1717, 0.4288,
0.3742

244.8454, 0.3311,

 0.0384, 0.8485,

0.3373

0.1515

294.8957, 0.3300,
0.3368

0.0000, 0.0000,
0.0000

41.2442, 0.3462,
0.3436

41.2442, 0.3462,
0.3436

36.0090, 0.3689,
0.3520

47.0898, 0.3270,
0.3356

31.3585, 0.3954,
0.3603

53.5594, 0.3108,
0.3281

27.2737, 0.4258,
0.3681

60.6728, 0.2971,
0.3211

23.7318, 0.4599,
0.3746

68.4476, 0.2856,
0.3148

20.7090, 0.4962,
0.3786

76.9004, 0.2758,
0.3090

■ 18.1790, 0.5325,
0.3790

■ 84.9585, 0.2755,
0.3204

■ 16.1132, 0.5653,
0.3749

■ 89.9443, 0.2762,
0.3289

■ 14.4756, 0.5921,
0.3666

■ 14.2943, 0.5953,
0.3655

Harmonies

Analogous

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



41.2442, 0.3412, 0.3294



41.2442, 0.3462, 0.3436



41.2442, 0.3419, 0.3545

Triad

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



41.2442, 0.3462, 0.3436



41.2442, 0.2969, 0.3431



41.2442, 0.2954, 0.3006

Complementary

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



41.2442, 0.3462, 0.3436



43.9247, 0.2841, 0.3139

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.



41.2442, 0.2841, 0.3033



41.2442, 0.3462, 0.3436



41.2442, 0.2850, 0.3276

Square

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



41.2442, 0.3462, 0.3436



41.2442, 0.3132, 0.3547



41.2442, 0.2804, 0.3130



41.2442, 0.3115, 0.3050

Rectangle

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



41.2442, 0.3462, 0.3436



41.2442, 0.3345, 0.3583



41.2442, 0.2804, 0.3130



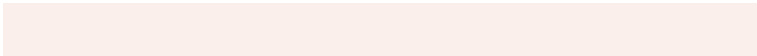
41.2442, 0.2909, 0.3007

Sweetspot

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



41.2461, 0.3462, 0.3436



88.3156, 0.3225, 0.3336



38.3349, 0.3247, 0.2964



18.7857, 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.



41.2461, 0.3462, 0.3436



71.1851, 0.3540, 0.3466



48.2167, 0.3421, 0.3662



10.5684, 0.3281, 0.3361



9.7425, 0.5930, 0.3673



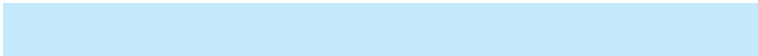
0.5456, 0.5481, 0.4030

Inverse Universe

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



43.9247, 0.2841, 0.3139



76.8279, 0.2786, 0.3107



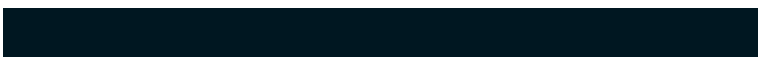
37.1480, 0.2827, 0.2888



10.8924, 0.2984, 0.3218



14.0588, 0.1965, 0.2273



0.7245, 0.2035, 0.2527

Previews

White Background



This preview shows how the Yxy color 41.2442, 0.3462, 0.3436 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 41.2442, 0.3462, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

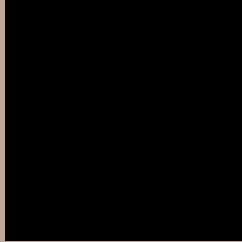
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2442, 0.3462, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 41.2442, 0.3462, 0.3436.



This preview shows how white text looks on a background with the Yxy color 41.2442, 0.3462, 0.3436.

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

41.2442, 0.3462, 0.3436

Protanopia

41.4386, 0.3301, 0.3482

Deuteranopia

41.2748, 0.3494, 0.3422



Tritanopia

41.3273, 0.3304, 0.3123

Trichromacy



Original Color

41.2442, 0.3462, 0.3436

Protanomaly

41.2511, 0.3361, 0.3467

Deuteranomaly

41.1421, 0.3484, 0.3422

Tritanomaly

41.2442, 0.3366, 0.3239

Monochromacy



Original Color

41.2442, 0.3462, 0.3436

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6191, 0.3243, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2442, 0.3462, 0.3436 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(192, 167, 156)` looks like.

```
.text, #text, p{  
    color:rgb(192, 167, 156)  
}
```

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(192, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 167, 156) }
```

Border

The CSS property to change the border of an element to Yxy 41.2442, 0.3462, 0.3436 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(192, 167, 156) }
```

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

```
.border{ border-color:rgb(192, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(192, 167,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2442, 0.3462, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 167, 156) }
```

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

```
.background{ background-color: rgb(192,  
167, 156) }
```

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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