

Converting Colors

$Y_{xy}(42.5563, 0.3784, 0.4267)$

Have a look what the booklet for
Yxy(42.5563, 0.3784, 0.4267)
contains.

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Color

Yxy(42.5110, 0.3791, 0.4269)

Conversions

Conversions Part 1

Format	Color
Hex	B7B168
RGB	183, 177, 104
RGB Percent	72%, 69%, 41%
CMY	0.2823, 0.3059, 0.5921
CMYK	0.00, 0.03, 0.43, 0.28
HSL	55°, 35%, 56%
HSV	55°, 43%, 72%
XYZ	37.7510, 42.5110, 19.3187
YIQ	170.4720, 27.0090, -21.4310

Conversions

Conversions Part 2

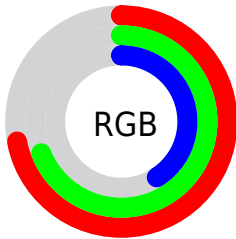
Format	Color
RYB	110, 183, 104
Decimal	12038504
CIELab	71.22, -8.42, 38.00
CIELCh	71, 38.921, 102.494
Yxy	42.5110, 0.3791, 0.4269
Android (android.graphics.Color)	4290228584 (0xFFB7B168)
YUV	170.4720, -32.7707, 10.9871
Hunter-Lab	65.2005, -10.7494, 28.0729

Details

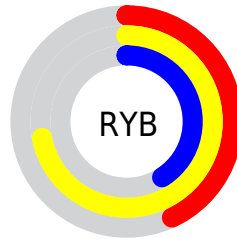
The Yxy color $42.5110, 0.3791, 0.4269$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $17.5216, 0.2348, 0.2074$, and the grayscale version is $40.6055, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.2034, 0.3677, 0.4098$, and $19.5323, 0.3941, 0.4548$ is the 20% darker color. If you saturate the color by 10%, you get $41.6337, 0.3935, 0.4470$, and if you desaturate by 10%, it is $43.4785, 0.3637, 0.4049$.

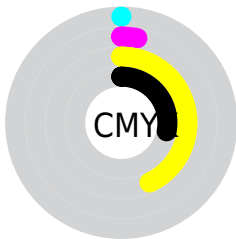
Distribution



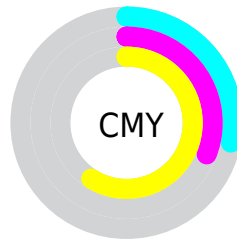
- Red (72%)
- Green (69%)
- Blue (41%)



- Red (43%)
- Yellow (72%)
- Blue (41%)



- Cyan (0%)
- Magenta (3%)
- Yellow (43%)
- Black (28%)





- Cyan (28%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5110, 0.3791, 0.4269 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 42.5110, 0.3791, 0.4269 by changing the saturation by 10% instead.


 42.5110, 0.3791,
0.4269


 42.5110, 0.3791,
0.4269


356.5969, 0.3469,
0.3773

 29.5016, 0.3865,
0.4391


 78.9724, 0.3678,
0.4089

 19.4606, 0.3953,
0.4544


 103.1933, 0.3634,
0.4021

 12.0036, 0.4060,
0.4740


 131.9200, 0.3597,
0.3964

 6.7461, 0.4182,
0.4994

 165.5371, 0.3564,
0.3915

 3.3038, 0.4471,
0.5529

204.4290, 0.3536,
0.3872

 1.2923, 0.4319,
0.5681

248.9800, 0.3511,

 0.1353, 0.0000,

0.3835

1.0000

299.5745, 0.3489,
0.3802

0.0000, 0.0000,
0.0000

42.5110, 0.3791,
0.4269

42.5110, 0.3791,
0.4269

41.6337, 0.3935,
0.4470

43.4785, 0.3637,
0.4049

40.8355, 0.4063,
0.4643

44.5351, 0.3480,
0.3818

40.1124, 0.4170,
0.4779


45.6874, 0.3324,
0.3587


39.4577, 0.4251,
0.4873


46.9393, 0.3173,
0.3360

38.8631, 0.4306,
0.4924

48.2948, 0.3030,
0.3143

 38.4795, 0.4333,
0.4942

 49.7575, 0.2897,
0.2938

 51.3310, 0.2775,
0.2748

 53.0185, 0.2663,
0.2573

 53.9071, 0.2638,
0.2544

Harmonies

Analogous

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



42.5110, 0.4156, 0.3988



42.5110, 0.3791, 0.4269



42.5110, 0.3266, 0.4271

Triad

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



42.5110, 0.3791, 0.4269



42.5110, 0.2131, 0.2845



42.5110, 0.3479, 0.2759

Complementary

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



42.5110, 0.3791, 0.4269



17.5216, 0.2348, 0.2074

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.



42.5110, 0.2908, 0.2498



42.5110, 0.3791, 0.4269



42.5110, 0.2175, 0.2516

Square

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



42.5110, 0.3791, 0.4269



42.5110, 0.2323, 0.3364



42.5110, 0.2444, 0.2406



42.5110, 0.3984, 0.3140

Rectangle

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



42.5110, 0.3791, 0.4269



42.5110, 0.2900, 0.4073



42.5110, 0.2444, 0.2406



42.5110, 0.3286, 0.2656

Sweetspot

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



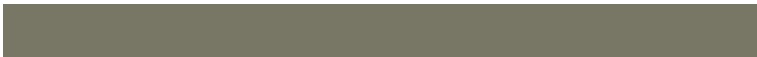
42.5130, 0.3791, 0.4269



81.8083, 0.3325, 0.3588



21.1126, 0.4141, 0.3199



17.9651, 0.3359, 0.3639



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.5130, 0.3791, 0.4269



74.6060, 0.3931, 0.4465



41.3621, 0.3452, 0.4458



10.3834, 0.3266, 0.3499



26.8873, 0.4331, 0.4943



0.9828, 0.4292, 0.4974

Inverse Universe

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



17.5216, 0.2348, 0.2074



23.9060, 0.2148, 0.1751



18.6376, 0.2657, 0.2080



8.8262, 0.2984, 0.3072



2.6437, 0.1516, 0.0658



0.1304, 0.1578, 0.0882

Previews

White Background



This preview shows how the Yxy color 42.5110, 0.3791, 0.4269 looks on a white background.

Color Contrast Check

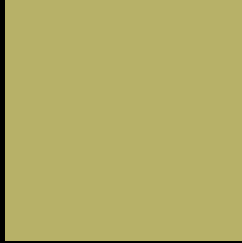
Large Text (above 18pt) WCAG AA × Fail

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 42.5110, 0.3791, 0.4269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

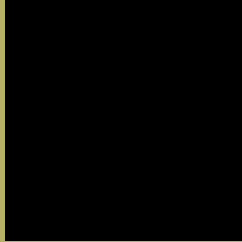
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5110, 0.3791, 0.4269

Background



This preview shows how black text looks on a background with the Yxy color 42.5110, 0.3791, 0.4269.



This preview shows how white text looks on a background with the Yxy color 42.5110, 0.3791, 0.4269.

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

42.5110, 0.3791, 0.4269

Protanopia

42.3277, 0.3894, 0.4218

Deuteranopia

42.1619, 0.4114, 0.4024



Tritanopia

42.4178, 0.3227, 0.3123

Trichromacy



Original Color

42.5110, 0.3791, 0.4269

Protanomaly

42.3306, 0.3859, 0.4241

Deuteranomaly

42.1869, 0.3999, 0.4114

Tritanomaly

42.1171, 0.3442, 0.3531

Monochromacy



Original Color

42.5110, 0.3791, 0.4269

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.0764, 0.3375, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5110, 0.3791, 0.4269 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(183, 177, 104)` looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 104)  
}
```

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(183, 177, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 104) }
```

Border

The CSS property to change the border of an element to Yxy 42.5110, 0.3791, 0.4269 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(183, 177, 104) }
```

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

```
.border{ border-color:rgb(183, 177, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 177, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 177, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 177, 104);  
box-shadow:4px 4px 4px 4px rgb(183, 177,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5110, 0.3791, 0.4269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 177, 104) }
```

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

```
.background{ background-color: rgb(183,  
177, 104) }
```

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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