

Converting Colors

$Yxy(44.6104, 0.3527, 0.3882)$

Have a look what the booklet for
Yxy(44.6104, 0.3527, 0.3882)
contains.

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Color

Yxy(44.6104, 0.3527, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	B8B488
RGB	184, 180, 136
RGB Percent	72%, 71%, 53%
CMY	0.2785, 0.2941, 0.4666
CMYK	0.00, 0.02, 0.26, 0.28
HSL	55°, 25%, 63%
HSV	55°, 26%, 72%
XYZ	40.5309, 44.6104, 29.7747
YIQ	176.1800, 16.5080, -12.8360

Conversions

Conversions Part 2

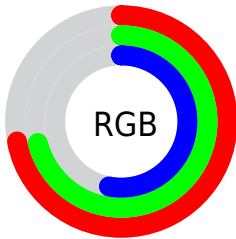
Format	Color
RYB	140, 184, 136
Decimal	12104840
CIELab	72.63, -5.70, 23.00
CIELCh	73, 23.699, 103.920
Yxy	44.6104, 0.3527, 0.3882
Android (android.graphics.Color)	4290294920 (0xFFB8B488)
YUV	176.1800, -19.8087, 6.8581
Hunter-Lab	66.7910, -8.5649, 20.3228

Details

The Yxy color **44.6104, 0.3527, 0.3882** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.4524, 0.2690, 0.2620**, and the grayscale version is **43.6145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2339, 0.3449, 0.3771**, and **20.5965, 0.3631, 0.4048** is the 20% darker color. If you saturate the color by 10%, you get **43.5205, 0.3685, 0.4109**, and if you desaturate by 10%, it is **45.8009, 0.3369, 0.3651**.

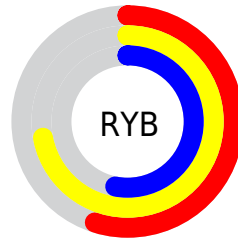
Distribution



Red (72%)

Green (71%)

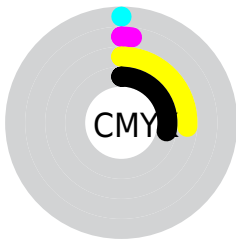
Blue (53%)



Red (55%)

Yellow (72%)

Blue (53%)

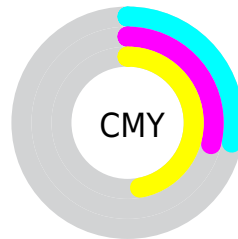


Cyan (0%)

Magenta (2%)

Yellow (26%)

Black (28%)



Cyan (28%)


Magenta (29%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6104, 0.3527, 0.3882 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 44.6104, 0.3527, 0.3882 by changing the saturation by 10% instead.


 44.6104, 0.3527,
0.3882

 44.6104, 0.3527,
0.3882


365.1934, 0.3329,
0.3581


 31.1507, 0.3575,
0.3958


 82.1355, 0.3456,
0.3772

 20.7136, 0.3636,
0.4055


 106.9696, 0.3429,
0.3731

 12.9148, 0.3715,
0.4185


 136.3640, 0.3406,
0.3696

 7.3699, 0.3819,
0.4365

170.7030, 0.3386,
0.3667

 3.6945, 0.3961,
0.4626

210.3710, 0.3369,
0.3641

 1.5042, 0.4520,
0.5480

255.7525, 0.3354,

 0.2917, 0.3213,

0.3619

0.6787

307.2318, 0.3341,
0.3599

0.0000, 0.0000,
0.0000

44.6104, 0.3527,
0.3882

44.6104, 0.3527,
0.3882

43.5205, 0.3685,
0.4109

45.8009, 0.3369,
0.3651

42.5206, 0.3838,
0.4324

47.0902, 0.3216,
0.3424

41.6077, 0.3979,
0.4517


48.4844, 0.3071,
0.3205


40.7762, 0.4104,
0.4679


49.9873, 0.2935,
0.2998

40.0199, 0.4206,
0.4803


51.6024, 0.2810,
0.2806


 39.3317, 0.4281,
0.4883

 53.3331, 0.2695,
0.2628

 38.7021, 0.4330,
0.4922

 54.5345, 0.2646,
0.2559

 38.4630, 0.4346,
0.4931

 55.2021, 0.2648,
0.2577

 55.8767, 0.2650,
0.2595

Harmonies

Analogous

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



44.6104, 0.3745, 0.3743



44.6104, 0.3527, 0.3882



44.6104, 0.3209, 0.3852

Triad

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



44.6104, 0.3527, 0.3882



44.6104, 0.2505, 0.3023



44.6104, 0.3359, 0.2971

Complementary

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



44.6104, 0.3527, 0.3882



27.4524, 0.2690, 0.2620

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.



44.6104, 0.3017, 0.2798



44.6104, 0.3527, 0.3882



44.6104, 0.2539, 0.2814

Square

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



44.6104, 0.3527, 0.3882



44.6104, 0.2626, 0.3329



44.6104, 0.2721, 0.2738



44.6104, 0.3649, 0.3221

Rectangle

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



44.6104, 0.3527, 0.3882



44.6104, 0.2985, 0.3730



44.6104, 0.2721, 0.2738



44.6104, 0.3246, 0.2902

Sweetspot

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



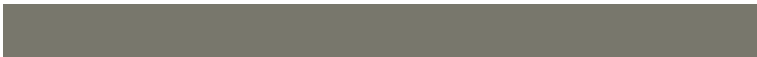
44.6124, 0.3527, 0.3882



84.8809, 0.3248, 0.3470



29.6972, 0.3628, 0.3235



18.2216, 0.3270, 0.3504



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.



44.6124, 0.3527, 0.3882



79.7864, 0.3613, 0.4007



43.9458, 0.3333, 0.3971



10.3725, 0.3266, 0.3498



26.5630, 0.4344, 0.4933



0.9742, 0.4301, 0.4967

Inverse Universe

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



27.4524, 0.2690, 0.2620



43.6511, 0.2584, 0.2455



28.1433, 0.2874, 0.2595



8.8360, 0.2984, 0.3074



2.6704, 0.1518, 0.0664



0.1346, 0.1585, 0.0906

Previews

White Background



This preview shows how the Yxy color 44.6104, 0.3527, 0.3882 looks on a white background.

Color Contrast Check

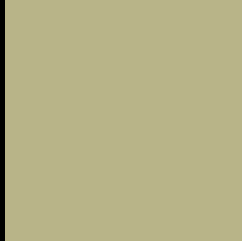
Large Text (above 18pt) WCAG AA × Fail

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 44.6104, 0.3527, 0.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

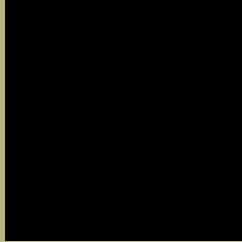
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6104, 0.3527, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 44.6104, 0.3527, 0.3882.



This preview shows how white text looks on a background with the Yxy color 44.6104, 0.3527, 0.3882.

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

44.6104, 0.3527, 0.3882

Protanopia

44.6664, 0.3608, 0.3858

Deuteranopia

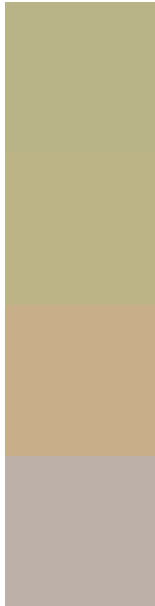
44.5161, 0.3781, 0.3703



Tritanopia

44.4221, 0.3162, 0.3111

Trichromacy



Original Color

44.6104, 0.3527, 0.3882

Protanomaly

44.6808, 0.3577, 0.3876

Deuteranomaly

44.3576, 0.3691, 0.3767

Tritanomaly

44.5692, 0.3301, 0.3395

Monochromacy



Original Color

44.6104, 0.3527, 0.3882

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6012, 0.3277, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6104, 0.3527, 0.3882 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(184, 180, 136)` looks like.

```
.text, #text, p{  
    color:rgb(184, 180, 136)  
}
```

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(184, 180, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 180, 136) }
```

Border

The CSS property to change the border of an element to Yxy 44.6104, 0.3527, 0.3882 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(184, 180, 136) }
```

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

```
.border{ border-color:rgb(184, 180, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 180, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 180, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 180, 136);  
box-shadow:4px 4px 4px 4px rgb(184, 180,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6104, 0.3527, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 180, 136) }
```

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

```
.background{ background-color: rgb(184,  
180, 136) }
```

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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