

Converting Colors

$Yxy(52.7600, 0.3523, 0.4252)$

Have a look what the booklet for
Yxy(52.7600, 0.3523, 0.4252)
contains.

Yxy(52.7600, 0.3523, 0.4252)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.7600, 0.3523, 0.4252)

Conversions

Conversions Part 1

Format	Color
Hex	B6C87E
RGB	182, 200, 126
RGB Percent	71%, 78%, 49%
CMY	0.2862, 0.2157, 0.5060
CMYK	0.09, 0.00, 0.37, 0.22
HSL	75°, 40%, 64%
HSV	75°, 37%, 78%
XYZ	43.7144, 52.7600, 27.6084
YIQ	186.1820, 13.0260, -26.8300

Conversions

Conversions Part 2

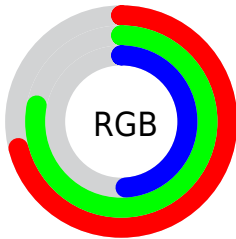
Format	Color
R_{YB}	126, 200, 144
Decimal	11978878
CIE _{Lab}	77.73, -18.07, 35.02
CIE _{LCh}	78, 39.409, 117.294
Yxy	52.7600, 0.3523, 0.4252
Android (android.graphics.Color)	4290168958 (0xFFB6C87E)
YUV	186.1820, -29.6697, -3.6676
Hunter-Lab	72.6361, -19.6870, 28.3096

Details

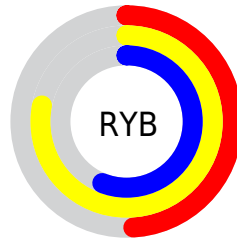
The Yxy color **52.7600, 0.3523, 0.4252** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.0095, 0.2616, 0.2227**, and the grayscale version is **49.3762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1660, 0.3465, 0.4055**, and **25.6688, 0.3602, 0.4514** is the 20% darker color. If you saturate the color by 10%, you get **51.7155, 0.3616, 0.4514**, and if you desaturate by 10%, it is **53.9329, 0.3420, 0.3984**.

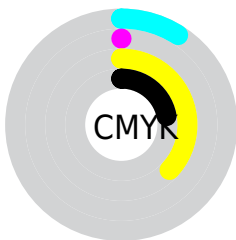
Distribution



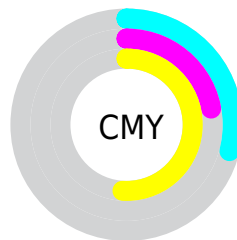
- Red (71%)
- Green (78%)
- Blue (49%)



- Red (49%)
- Yellow (78%)
- Blue (56%)



- Cyan (9%)
- Magenta (0%)
- Yellow (37%)
- Black (22%)




- Cyan (29%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7600, 0.3523, 0.4252 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 52.7600, 0.3523, 0.4252 by changing the saturation by 10% instead.


 52.7600, 0.3523,
0.4252

 52.7600, 0.3523,
0.4252


397.3637, 0.3343,
0.3769

 37.6112, 0.3561,
0.4371


 94.2511, 0.3462,
0.4077

 25.6811, 0.3606,
0.4522

 121.3622, 0.3438,
0.4011

 16.5852, 0.3657,
0.4719


 153.2296, 0.3417,
0.3956

 9.9392, 0.3712,
0.4983

190.2376, 0.3398,
0.3908

 5.3587, 0.3758,
0.5349

232.7706, 0.3382,
0.3866

 2.4592, 0.3896,
0.6104

281.2130, 0.3368,

 0.8561, 0.3032,

0.3830

0.6968

335.9492, 0.3355,
0.3798

0.0000, 0.0000,
0.0000

52.7600, 0.3523,
0.4252

52.7600, 0.3523,
0.4252

51.7155, 0.3616,
0.4514

53.9329, 0.3420,
0.3984

50.7860, 0.3693,
0.4759

55.2330, 0.3312,
0.3718

49.9668, 0.3750,
0.4975


56.6682, 0.3203,
0.3461


49.2499, 0.3783,
0.5152


58.2435, 0.3095,
0.3219


48.6261, 0.3791,
0.5283


59.9639, 0.2992,
0.2995

 48.0829, 0.3774,
0.5369

 61.8338, 0.2895,
0.2788

 47.9297, 0.3767,
0.5391

 63.1305, 0.2872,
0.2705

 63.8813, 0.2906,
0.2710

 64.6541, 0.2940,
0.2716

Harmonies

Analogous

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



52.7600, 0.3958, 0.4107



52.7600, 0.3523, 0.4252



52.7600, 0.3003, 0.4085

Triad

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



52.7600, 0.3523, 0.4252



52.7600, 0.2175, 0.2693



52.7600, 0.3713, 0.2956

Complementary

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



52.7600, 0.3523, 0.4252



25.0095, 0.2616, 0.2227

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.



52.7600, 0.3184, 0.2644



52.7600, 0.3523, 0.4252



52.7600, 0.2325, 0.2481

Square

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



52.7600, 0.3523, 0.4252



52.7600, 0.2248, 0.3105



52.7600, 0.2679, 0.2472



52.7600, 0.4089, 0.3353

Rectangle

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



52.7600, 0.3523, 0.4252



52.7600, 0.2680, 0.3807



52.7600, 0.2679, 0.2472



52.7600, 0.3545, 0.2839

Sweetspot

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



52.7623, 0.3523, 0.4252



97.0543, 0.3248, 0.3566



33.5038, 0.3934, 0.3520



20.7004, 0.3263, 0.3601



0.0000, 0.0000, 0.0000



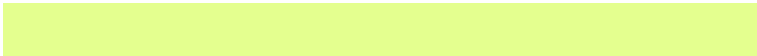
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7623, 0.3523, 0.4252



89.9511, 0.3595, 0.4453



48.8990, 0.3223, 0.4351



12.2823, 0.3229, 0.3521



30.5187, 0.3774, 0.5386



1.4771, 0.3865, 0.5313

Inverse Universe

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



25.0095, 0.2616, 0.2227



35.3559, 0.2484, 0.1977



28.8194, 0.2968, 0.2327



10.4098, 0.3020, 0.3054



3.0952, 0.1645, 0.0680



0.1815, 0.1867, 0.0802

Previews

White Background



This preview shows how the Yxy color 52.7600, 0.3523, 0.4252 looks on a white background.

Color Contrast Check

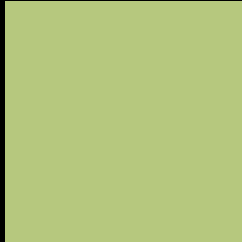
Large Text (above 18pt) WCAG AA × Fail

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 52.7600, 0.3523, 0.4252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

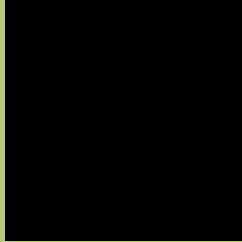
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7600, 0.3523, 0.4252

Background



This preview shows how black text looks on a background with the Yxy color 52.7600, 0.3523, 0.4252.



This preview shows how white text looks on a background with the Yxy color 52.7600, 0.3523, 0.4252.

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

52.7600, 0.3523, 0.4252

Protanopia

52.6846, 0.3814, 0.4124

Deuteranopia

52.3017, 0.3991, 0.3895



Tritanopia

52.4412, 0.3032, 0.3107

Trichromacy



Original Color

52.7600, 0.3523, 0.4252

Protanomaly

52.6276, 0.3704, 0.4174

Deuteranomaly

52.1263, 0.3817, 0.4011

Tritanomaly

52.4095, 0.3214, 0.3519

Monochromacy



Original Color

52.7600, 0.3523, 0.4252

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.2562, 0.3285, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7600, 0.3523, 0.4252 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(182, 200, 126)` looks like.

```
.text, #text, p{  
    color:rgb(182, 200, 126)  
}
```

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(182, 200, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 200, 126) }
```

Border

The CSS property to change the border of an element to Yxy 52.7600, 0.3523, 0.4252 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(182, 200, 126) }
```

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

```
.border{ border-color:rgb(182, 200, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 200, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 200, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 200, 126);  
box-shadow:4px 4px 4px 4px rgb(182, 200,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7600, 0.3523, 0.4252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 200, 126) }
```

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

```
.background{ background-color: rgb(182,  
200, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor