

Converting Colors

Yxy(54.8645, 0.3380, 0.3726)

Have a look what the booklet for
Yxy(54.8645, 0.3380, 0.3726)
contains.

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Color

Yxy(54.9028, 0.3382, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	C5C6A3
RGB	197, 198, 163
RGB Percent	77%, 78%, 64%
CMY	0.2274, 0.2235, 0.3608
CMYK	0.00, 0.00, 0.18, 0.22
HSL	62°, 23%, 71%
HSV	62°, 18%, 78%
XYZ	49.8339, 54.9028, 42.6138
YIQ	193.7110, 10.6390, -11.0970

Conversions

Conversions Part 2

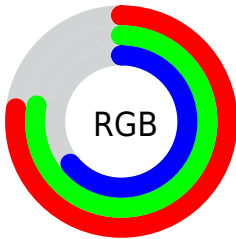
Format	Color
R_{YB}	163, 198, 164
Decimal	12961443
CIE Lab	78.99, -6.24, 17.47
CIE LCh	79, 18.554, 109.650
Yxy	54.9028, 0.3382, 0.3726
Android (android.graphics.Color)	4291151523 (0xFFC5C6A3)
YUV	193.7110, -15.1405, 2.8845
Hunter-Lab	74.0964, -9.6176, 17.7691

Details

The Yxy color **54.9028, 0.3382, 0.3726** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.1553, 0.2848, 0.2816**, and the grayscale version is **53.8577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6528, 0.3339, 0.3652**, and **26.9339, 0.3450, 0.3844** is the 20% darker color. If you saturate the color by 10%, you get **54.1757, 0.3528, 0.3977**, and if you desaturate by 10%, it is **55.7462, 0.3236, 0.3477**.

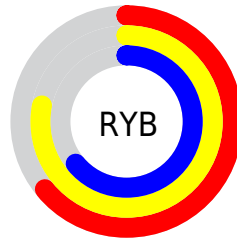
Distribution



Red (77%)

Green (78%)

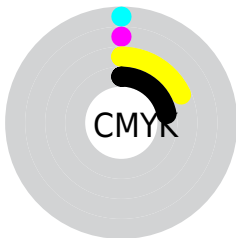
Blue (64%)



Red (64%)

Yellow (78%)

Blue (64%)

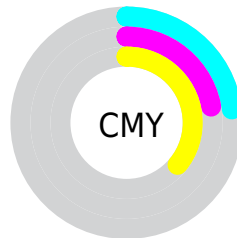


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (22%)



Cyan (23%)


Magenta (22%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9028, 0.3382, 0.3726 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 54.9028, 0.3382, 0.3726 by changing the saturation by 10% instead.

 54.9028, 0.3382,
0.3726


 54.9028, 0.3382,
0.3726


405.5434, 0.3260,
0.3511

 39.3239, 0.3411,
0.3778

 97.3985, 0.3339,
0.3649

 27.0118, 0.3447,
0.3845


 125.0842, 0.3322,
0.3620

 17.5821, 0.3493,
0.3932


157.5741, 0.3308,
0.3595

 10.6504, 0.3555,
0.4051

195.2529, 0.3296,
0.3574

 5.8323, 0.3639,
0.4223

238.5048, 0.3285,
0.3555

 2.7433, 0.3759,
0.4489

287.7142, 0.3276,

 0.9993, 0.4425,

0.3539

0.5575

343.2656, 0.3267,
0.3524

0.0000, 0.0000,
0.0000

54.9028, 0.3382,
0.3726

54.9028, 0.3382,
0.3726

54.1757, 0.3528,
0.3977

55.7462, 0.3236,
0.3477

53.5524, 0.3669,
0.4222

56.7033, 0.3095,
0.3235

53.0297, 0.3800,
0.4451

57.7812, 0.2960,
0.3006

52.6017, 0.3915,
0.4655

58.9842, 0.2834,
0.2792

52.2615, 0.4009,
0.4824

59.8581, 0.2759,
0.2663

■ 52.0016, 0.4078,
0.4952

■ 59.9342, 0.2763,
0.2664

■ 51.8131, 0.4122,
0.5037

■ 60.0107, 0.2766,
0.2665

■ 51.6829, 0.4141,
0.5083

■ 60.0874, 0.2770,
0.2665

■ 51.6561, 0.4145,
0.5091

■ 60.1644, 0.2774,
0.2666

Harmonies

Analogous

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



54.9028, 0.3557, 0.3653



54.9028, 0.3382, 0.3726



54.9028, 0.3143, 0.3674

Triad

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



54.9028, 0.3382, 0.3726



54.9028, 0.2662, 0.3063



54.9028, 0.3344, 0.3086

Complementary

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



54.9028, 0.3382, 0.3726



38.1553, 0.2848, 0.2816

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.



54.9028, 0.3096, 0.2942



54.9028, 0.3382, 0.3726



54.9028, 0.2710, 0.2922

Square

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



54.9028, 0.3382, 0.3726



54.9028, 0.2732, 0.3277



54.9028, 0.2866, 0.2881



54.9028, 0.3537, 0.3282

Rectangle

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



54.9028, 0.3382, 0.3726



54.9028, 0.2980, 0.3572



54.9028, 0.2866, 0.2881



54.9028, 0.3264, 0.3031

Sweetspot

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



54.9052, 0.3382, 0.3726



99.1384, 0.3199, 0.3413



41.0467, 0.3463, 0.3299



21.1947, 0.3209, 0.3430



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.



54.9052, 0.3382, 0.3726



96.7357, 0.3435, 0.3817



52.7244, 0.3240, 0.3746



12.4013, 0.3261, 0.3519



33.5999, 0.4145, 0.5091



1.5958, 0.4156, 0.5082

Inverse Universe

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



38.1553, 0.2848, 0.2816



61.8922, 0.2783, 0.2706



40.0996, 0.2996, 0.2836



10.3014, 0.2987, 0.3051



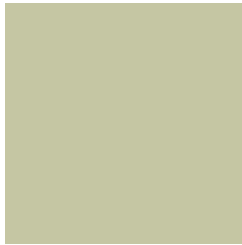
2.6809, 0.1510, 0.0606



0.1320, 0.1545, 0.0625

Previews

White Background



This preview shows how the Yxy color 54.9028, 0.3382, 0.3726 looks on a white background.

Color Contrast Check

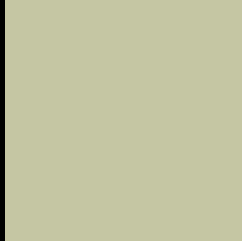
Large Text (above 18pt) WCAG AA × Fail

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 54.9028, 0.3382, 0.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

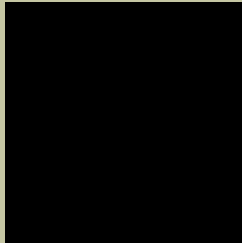
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

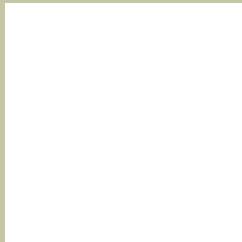
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9028, 0.3382, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 54.9028, 0.3382, 0.3726.



This preview shows how white text looks on a background with the Yxy color 54.9028, 0.3382, 0.3726.

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

54.9028, 0.3382, 0.3726

Protanopia

54.9042, 0.3481, 0.3692

Deuteranopia

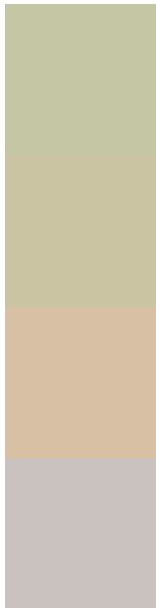
54.6906, 0.3631, 0.3558



Tritanopia

54.9008, 0.3103, 0.3113

Trichromacy



Original Color

54.9028, 0.3382, 0.3726

Protanomaly

54.7850, 0.3444, 0.3708

Deuteranomaly

54.8267, 0.3541, 0.3624

Tritanomaly

54.7627, 0.3206, 0.3327

Monochromacy



Original Color

54.9028, 0.3382, 0.3726

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0512, 0.3217, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9028, 0.3382, 0.3726 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(197, 198, 163)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 163)  
}
```

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(197, 198, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 163) }
```

Border

The CSS property to change the border of an element to Yxy 54.9028, 0.3382, 0.3726 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(197, 198, 163) }
```

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

```
.border{ border-color:rgb(197, 198, 163) }
```

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

Here you see how a box with a 4 pixel rgb(197, 198, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9028, 0.3382, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 163) }
```

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

```
.background{ background-color: rgb(197,  
198, 163) }
```

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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