

Converting Colors

$Y_{xy}(29.3879, 0.3743, 0.3515)$

Have a look what the booklet for
Yxy(29.3879, 0.3743, 0.3515)
contains.

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Color

Yxy(29.4790, 0.3753, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	B38B7B
RGB	179, 139, 123
RGB Percent	70%, 55%, 48%
CMY	0.2981, 0.4548, 0.5176
CMYK	0.00, 0.22, 0.31, 0.30
HSL	17°, 27%, 59%
HSV	17°, 31%, 70%
XYZ	31.3946, 29.4790, 22.7785
YIQ	149.1360, 28.9760, 3.5040

Conversions

Conversions Part 2

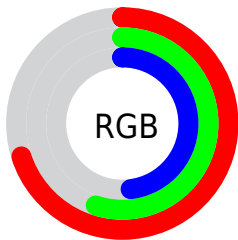
Format	Color
R_{YB}	179, 145, 123
Decimal	11766651
CIE _{Lab}	61.20, 12.86, 14.38
CIE _{LCh}	61, 19.292, 48.192
Yxy	29.4790, 0.3753, 0.3524
Android (android.graphics.Color)	4289956731 (0xFFB38B7B)
YUV	149.1360, -12.8850, 26.1907
Hunter-Lab	54.2946, 8.1982, 13.1320

Details

The Yxy color $29.4790, 0.3753, 0.3524$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $33.6516, 0.2657, 0.3042$, and the grayscale version is $30.1617, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.0679, 0.3629, 0.3491$, and $11.9991, 0.3977, 0.3597$ is the 20% darker color. If you saturate the color by 10%, you get $25.5845, 0.4030, 0.3601$, and if you desaturate by 10%, it is $33.8910, 0.3516, 0.3446$.

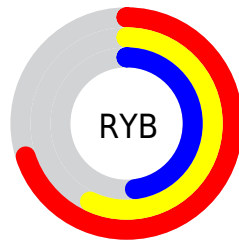
Distribution



Red (70%)

Green (55%)

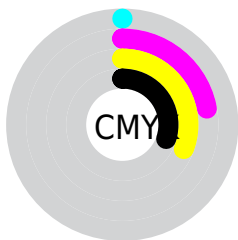
Blue (48%)



Red (70%)

Yellow (57%)

Blue (48%)

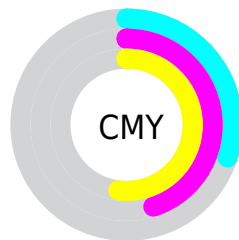


Cyan (0%)

Magenta (22%)

Yellow (31%)

Black (30%)



Cyan (30%)


Magenta (45%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4790, 0.3753, 0.3524 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 29.4790, 0.3753, 0.3524 by changing the saturation by 10% instead.


 29.4790, 0.3753,
0.3524


 29.4790, 0.3753,
0.3524


299.4683, 0.3414,
0.3406


 19.4435, 0.3847,
0.3553


 58.8373, 0.3623,
0.3481

 11.9912, 0.3974,
0.3590


 78.9288, 0.3576,
0.3465

 6.7377, 0.4154,
0.3636


 103.1411, 0.3537,
0.3451

 3.2986, 0.4426,
0.3695

131.8586, 0.3505,
0.3440

 1.2895, 0.5061,
0.3897

165.4657, 0.3477,
0.3429

 0.1331, 0.7680,
0.2320

204.3467, 0.3453,

 0.0000, 0.0000,

0.3421

0.0000

248.8862, 0.3432,
0.3413

■ 29.4790, 0.3753,
0.3524

■ 29.4790, 0.3753,
0.3524

■ 25.5845, 0.4030,
0.3601

■ 33.8910, 0.3516,
0.3446

■ 22.1839, 0.4348,
0.3672

■ 38.8345, 0.3315,
0.3370

■ 19.2582, 0.4701,
0.3727

■ 44.3284, 0.3147,
0.3299


■ 16.7851, 0.5074,
0.3756


■ 50.3890, 0.3005,
0.3233


■ 14.7407, 0.5439,
0.3748

■ 57.0322, 0.2885,
0.3172

 13.0983, 0.5760,
0.3696

 64.2733, 0.2784,
0.3117

 11.9633, 0.5992,
0.3625

 72.1268, 0.2698,
0.3067

 79.8647, 0.2679,
0.3139

 87.7094, 0.2695,
0.3278

Harmonies

Analogous

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



29.4790, 0.3643, 0.3264



29.4790, 0.3753, 0.3524



29.4790, 0.3684, 0.3741

Triad

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



29.4790, 0.3753, 0.3524



29.4790, 0.2857, 0.3581



29.4790, 0.2781, 0.2773

Complementary

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



29.4790, 0.3753, 0.3524



33.6516, 0.2657, 0.3042

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.



29.4790, 0.2592, 0.2826



29.4790, 0.3753, 0.3524



29.4790, 0.2633, 0.3284

Square

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



29.4790, 0.3753, 0.3524



29.4790, 0.3159, 0.3795



29.4790, 0.2539, 0.3007



29.4790, 0.3070, 0.2845

Rectangle

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



29.4790, 0.3753, 0.3524



29.4790, 0.3550, 0.3829



29.4790, 0.2539, 0.3007



29.4790, 0.2705, 0.2776

Sweetspot

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



29.4804, 0.3753, 0.3524



71.5717, 0.3277, 0.3355



26.3989, 0.3336, 0.2727



15.5536, 0.3303, 0.3365



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.4804, 0.3753, 0.3524



47.5801, 0.3953, 0.3581



38.5940, 0.3637, 0.3905



8.8879, 0.3280, 0.3356



8.5546, 0.5971, 0.3641



0.3713, 0.5415, 0.4083

Inverse Universe

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



33.6516, 0.2657, 0.3042



56.2947, 0.2553, 0.2974



24.8325, 0.2605, 0.2589



9.2128, 0.2986, 0.3223



13.2922, 0.1985, 0.2346



0.5118, 0.2067, 0.2640

Previews

White Background



This preview shows how the Yxy color 29.4790, 0.3753, 0.3524 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4790, 0.3753, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

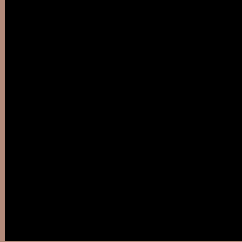
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4790, 0.3753, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 29.4790, 0.3753, 0.3524.



This preview shows how white text looks on a background with the Yxy color 29.4790, 0.3753, 0.3524.

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

29.4790, 0.3753, 0.3524

Protanopia

29.6807, 0.3409, 0.3622

Deuteranopia

29.4091, 0.3661, 0.3591



Tritanopia

29.5074, 0.3527, 0.3149

Trichromacy



Original Color

29.4790, 0.3753, 0.3524

Protanomaly

29.6497, 0.3528, 0.3582

Deuteranomaly

29.4536, 0.3699, 0.3573

Tritanomaly

29.4296, 0.3603, 0.3277

Monochromacy



Original Color

29.4790, 0.3753, 0.3524

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6178, 0.3338, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4790, 0.3753, 0.3524 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(179, 139, 123)` looks like.

```
.text, #text, p{  
    color:rgb(179, 139, 123)  
}
```

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(179, 139, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 139, 123) }
```

Border

The CSS property to change the border of an element to Yxy 29.4790, 0.3753, 0.3524 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(179, 139, 123) }
```

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

```
.border{ border-color:rgb(179, 139, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 139, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 139, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 139, 123);  
box-shadow:4px 4px 4px 4px rgb(179, 139,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4790, 0.3753, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 139, 123) }
```

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

```
.background{ background-color: rgb(179,  
139, 123) }
```

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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