

Converting Colors

$Y_{xy}(34.5770, 0.3934, 0.3620)$

Have a look what the booklet for
Yxy(34.5770, 0.3934, 0.3620)
contains.

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Color

Yxy(34.7520, 0.3932, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	C7947B
RGB	199, 148, 123
RGB Percent	78%, 58%, 48%
CMY	0.2196, 0.4196, 0.5177
CMYK	0.00, 0.26, 0.38, 0.22
HSL	20°, 40%, 63%
HSV	20°, 38%, 78%
XYZ	37.7159, 34.7520, 23.4526
YIQ	160.3990, 38.4210, 3.0370

Conversions

Conversions Part 2

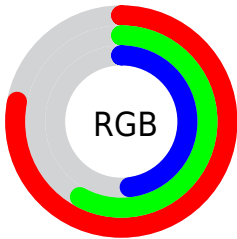
Format	Color
R _Y B	199, 160, 123
Decimal	13079675
CIE Lab	65.56, 15.89, 20.72
CIE LCh	66, 26.116, 52.519
Yxy	34.7520, 0.3932, 0.3623
Android (android.graphics.Color)	4291269755 (0xFFC7947B)
YUV	160.3990, -18.4377, 33.8531
Hunter-Lab	58.9508, 11.0379, 17.6781

Details

The Yxy color **34.7520, 0.3932, 0.3623** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.5916, 0.2548, 0.2926**, and the grayscale version is **35.4213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6356, 0.3752, 0.3562**, and **14.8834, 0.4190, 0.3704** is the 20% darker color. If you saturate the color by 10%, you get **30.3560, 0.4229, 0.3708**, and if you desaturate by 10%, it is **39.7354, 0.3673, 0.3533**.

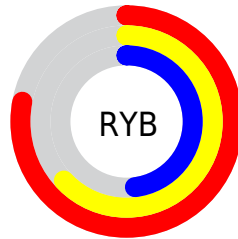
Distribution



Red (78%)

Green (58%)

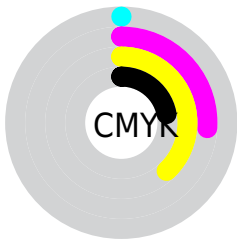
Blue (48%)



Red (78%)

Yellow (63%)

Blue (48%)

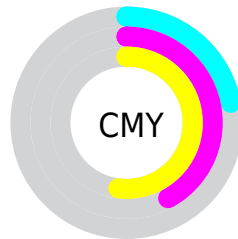


Cyan (0%)

Magenta (26%)

Yellow (38%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7520, 0.3932, 0.3623 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 34.7520, 0.3932, 0.3623 by changing the saturation by 10% instead.


 34.7520, 0.3932,
0.3623


 34.7520, 0.3932,
0.3623


323.4723, 0.3507,
0.3462

 23.4719, 0.4045,
0.3660


 67.1014, 0.3773,
0.3566

 14.9423, 0.4193,
0.3705


 88.9395, 0.3714,
0.3544

 8.7789, 0.4395,
0.3759


 115.0657, 0.3665,
0.3526

 4.5973, 0.4686,
0.3820

145.8644, 0.3624,
0.3509

 2.0130, 0.5222,
0.3944

181.7200, 0.3589,
0.3495

 0.6150, 0.6143,
0.3857


223.0170, 0.3558,


 0.0000, 0.0000,


0.3483

0.0000


270.1396, 0.3531,
0.3472


 34.7520, 0.3932,
0.3623


 34.7520, 0.3932,
0.3623


 30.3560, 0.4229,
0.3708


 39.7354, 0.3673,
0.3533

 26.5201, 0.4560,
0.3779


 45.3226, 0.3450,
0.3443


 23.2216, 0.4913,
0.3826

 51.5351, 0.3261,
0.3357


 20.4347, 0.5266,
0.3836


 58.3923, 0.3100,
0.3276

 18.1306, 0.5588,
0.3798

 65.9123, 0.2964,
0.3201

 16.2744, 0.5852,
0.3716

 74.1127, 0.2849,
0.3133

 15.9819, 0.5897,
0.3700

 82.5327, 0.2789,
0.3145

 90.7456, 0.2800,
0.3287

 90.8812, 0.2800,
0.3289

Harmonies

Analogous

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



34.7520, 0.3825, 0.3298



34.7520, 0.3932, 0.3623



34.7520, 0.3807, 0.3892

Triad

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



34.7520, 0.3932, 0.3623



34.7520, 0.2730, 0.3614



34.7520, 0.2732, 0.2642

Complementary

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



34.7520, 0.3932, 0.3623



38.5916, 0.2548, 0.2926

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.



34.7520, 0.2474, 0.2680



34.7520, 0.3932, 0.3623



34.7520, 0.2472, 0.3220

Square

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



34.7520, 0.3932, 0.3623



34.7520, 0.3104, 0.3919



34.7520, 0.2383, 0.2880



34.7520, 0.3109, 0.2755

Rectangle

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



34.7520, 0.3932, 0.3623



34.7520, 0.3617, 0.3996



34.7520, 0.2383, 0.2880



34.7520, 0.2629, 0.2637

Sweetspot

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



34.7537, 0.3932, 0.3623



86.9013, 0.3313, 0.3382



29.3948, 0.3427, 0.2626



18.2757, 0.3339, 0.3394



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.



34.7537, 0.3932, 0.3623



54.2636, 0.4181, 0.3696



48.2929, 0.3754, 0.4076



11.1979, 0.3281, 0.3367



10.4215, 0.5872, 0.3720



0.6267, 0.5460, 0.4047

Inverse Universe

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



38.5916, 0.2548, 0.2926



61.9031, 0.2429, 0.2829



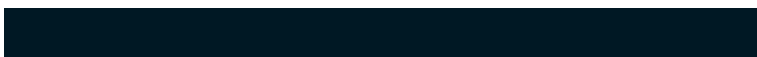
26.2007, 0.2464, 0.2355



11.4562, 0.2984, 0.3212



13.6881, 0.1941, 0.2187



0.7766, 0.2012, 0.2444

Previews

White Background



This preview shows how the Yxy color 34.7520, 0.3932, 0.3623 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 34.7520, 0.3932, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

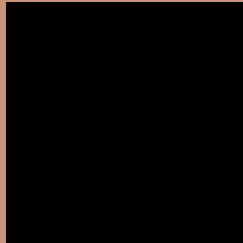
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7520, 0.3932, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 34.7520, 0.3932, 0.3623.



This preview shows how white text looks on a background with the Yxy color 34.7520, 0.3932, 0.3623.

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

34.7520, 0.3932, 0.3623

Protanopia

34.7898, 0.3517, 0.3746

Deuteranopia

34.7524, 0.3790, 0.3721



Tritanopia

34.8696, 0.3634, 0.3149

Trichromacy



Original Color

34.7520, 0.3932, 0.3623

Protanomaly

34.6523, 0.3666, 0.3703

Deuteranomaly

34.6147, 0.3842, 0.3687

Tritanomaly

34.6515, 0.3751, 0.3318

Monochromacy



Original Color

34.7520, 0.3932, 0.3623

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8822, 0.3393, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7520, 0.3932, 0.3623 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(199, 148, 123)` looks like.

```
.text, #text, p{  
    color:rgb(199, 148, 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(199, 148, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 148, 123) }
```

Border

The CSS property to change the border of an element to Yxy 34.7520, 0.3932, 0.3623 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(199, 148, 123) }
```

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

```
.border{ border-color:rgb(199, 148, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 148, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 148, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 148, 123);  
box-shadow:4px 4px 4px 4px rgb(199, 148,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7520, 0.3932, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 148, 123) }
```

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

```
.background{ background-color: rgb(199,  
148, 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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