

Converting Colors

$Y_{xy}(33.0520, 0.3936, 0.3644)$

Have a look what the booklet for
Yxy(33.0520, 0.3936, 0.3644)
contains.

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Color

Yxy(33.0520, 0.3936, 0.3644)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C29177 |
| RGB | 194, 145, 119 |
| RGB Percent | 76%, 57%, 47% |
| CMY | 0.2393, 0.4313, 0.5333 |
| CMYK | 0.00, 0.25, 0.39, 0.24 |
| HSL | 21°, 38%, 61% |
| HSV | 21°, 39%, 76% |
| XYZ | 35.7005, 33.0520, 21.9500 |
| YIQ | 156.6870, 37.5500, 2.3020 |

Conversions

Conversions Part 2

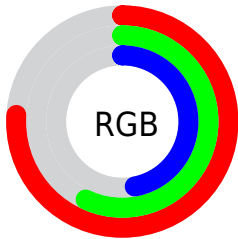
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 194, 159, 119 |
| Decimal | 12751223 |
| CIELab | 64.20, 15.05, 21.01 |
| CIELCh | 64, 25.848, 54.377 |
| Yxy | 33.0520, 0.3936, 0.3644 |
| Android (android.graphics.Color) | 4290941303 (0xFFC29177) |
| YUV | 156.6870, -18.5797, 32.7235 |
| Hunter-Lab | 57.4909, 10.2354, 17.6067 |

Details

The Yxy color **33.0520, 0.3936, 0.3644** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.8118, 0.2539, 0.2901**, and the grayscale version is **33.6418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4826, 0.3778, 0.3586**, and **13.9366, 0.4219, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **28.9752, 0.4229, 0.3733**, and if you desaturate by 10%, it is **37.6589, 0.3679, 0.3549**.

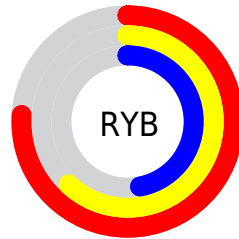
Distribution



Red (76%)

Green (57%)

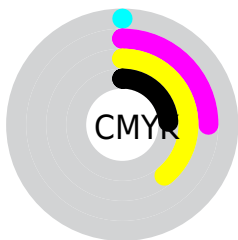
Blue (47%)



Red (76%)

Yellow (62%)

Blue (47%)

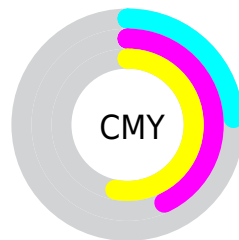


Cyan (0%)

Magenta (25%)

Yellow (39%)

Black (24%)



Cyan (24%)


Magenta (43%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0520, 0.3936, 0.3644 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 33.0520, 0.3936, 0.3644 by changing the saturation by 10% instead.


 33.0520, 0.3936,
0.3644


 33.0520, 0.3936,
0.3644


315.8840, 0.3506,
0.3470


 22.1663, 0.4051,
0.3685


 64.4567, 0.3774,
0.3583

 13.9791, 0.4203,
0.3734


 85.7445, 0.3715,
0.3559

 8.1062, 0.4412,
0.3794


 111.2684, 0.3665,
0.3539

 4.1629, 0.4714,
0.3863

141.4129, 0.3624,
0.3521

 1.7651, 0.5370,
0.4069

176.5623, 0.3588,
0.3506

 0.4653, 0.6351,
0.3649

217.1010, 0.3557,

 0.0000, 0.0000,

0.3493

0.0000

263.4134, 0.3530,
0.3481

■ 33.0520, 0.3936,
0.3644

■ 33.0520, 0.3936,
0.3644

■ 28.9752, 0.4229,
0.3733

■ 37.6589, 0.3679,
0.3549

■ 25.4039, 0.4553,
0.3808

■ 42.8099, 0.3457,
0.3455

■ 22.3183, 0.4898,
0.3857

■ 48.5245, 0.3268,
0.3364


■ 19.6953, 0.5241,
0.3869


■ 54.8197, 0.3107,
0.3279

■ 17.5095, 0.5555,
0.3832


■ 61.7115, 0.2970,
0.3200


 15.7288, 0.5815,
0.3750

 69.2157, 0.2854,
0.3128

 15.5166, 0.5848,
0.3739

 77.3471, 0.2755,
0.3062

 84.8221, 0.2765,
0.3197

 90.2075, 0.2773,
0.3289

Harmonies

Analogous

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



33.0520, 0.3843, 0.3318



33.0520, 0.3936, 0.3644



33.0520, 0.3797, 0.3908

Triad

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



33.0520, 0.3936, 0.3644



33.0520, 0.2707, 0.3592



33.0520, 0.2750, 0.2641

Complementary

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



33.0520, 0.3936, 0.3644



35.8118, 0.2539, 0.2901

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.



33.0520, 0.2482, 0.2669



33.0520, 0.3936, 0.3644



33.0520, 0.2458, 0.3195

Square

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



33.0520, 0.3936, 0.3644



33.0520, 0.3079, 0.3909



33.0520, 0.2379, 0.2860



33.0520, 0.3135, 0.2763

Rectangle

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



33.0520, 0.3936, 0.3644



33.0520, 0.3599, 0.4006



33.0520, 0.2379, 0.2860



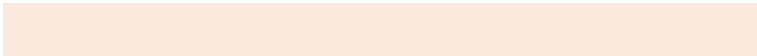
33.0520, 0.2644, 0.2633

Sweetspot

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



33.0536, 0.3936, 0.3644



84.1500, 0.3331, 0.3396



27.5250, 0.3446, 0.2635



18.1231, 0.3356, 0.3408



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.



33.0536, 0.3936, 0.3644



53.8554, 0.4170, 0.3717



46.0460, 0.3756, 0.4098



10.6365, 0.3280, 0.3370



10.3428, 0.5824, 0.3758



0.5768, 0.5389, 0.4103

Inverse Universe

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



35.8118, 0.2539, 0.2901



59.4885, 0.2424, 0.2804



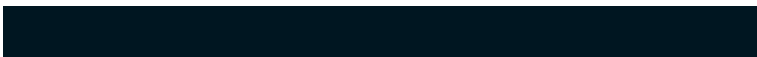
24.1826, 0.2453, 0.2324



10.8212, 0.2984, 0.3208



12.6481, 0.1924, 0.2126



0.6712, 0.2005, 0.2416

Previews

White Background



This preview shows how the Yxy color 33.0520, 0.3936, 0.3644 looks on a white background.

Color Contrast Check

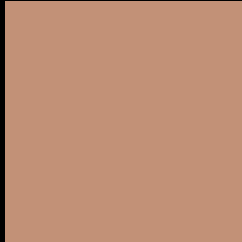
Large Text (above 18pt) WCAG AA × Fail

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 33.0520, 0.3936, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

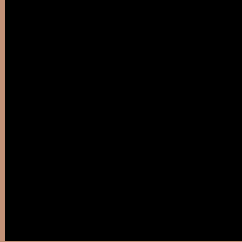
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0520, 0.3936, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 33.0520, 0.3936, 0.3644.



This preview shows how white text looks on a background with the Yxy color 33.0520, 0.3936, 0.3644.

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

33.0520, 0.3936, 0.3644

Protanopia

33.3392, 0.3533, 0.3769

Deuteranopia

33.1880, 0.3802, 0.3743



Tritanopia

33.1544, 0.3633, 0.3159

Trichromacy



Original Color

33.0520, 0.3936, 0.3644

Protanomaly

33.0917, 0.3676, 0.3726

Deuteranomaly

33.0526, 0.3855, 0.3709

Tritanomaly

32.9458, 0.3752, 0.3332

Monochromacy



Original Color

33.0520, 0.3936, 0.3644

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.3117, 0.3397, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0520, 0.3936, 0.3644 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(194, 145, 119)` looks like.

```
.text, #text, p{  
    color:rgb(194, 145, 119)  
}
```

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(194, 145, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 145, 119) }
```

Border

The CSS property to change the border of an element to Yxy 33.0520, 0.3936, 0.3644 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(194, 145, 119) }
```

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

```
.border{ border-color:rgb(194, 145, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 145, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 145, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 145, 119);  
box-shadow:4px 4px 4px 4px rgb(194, 145,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0520, 0.3936, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 145, 119) }
```

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

```
.background{ background-color: rgb(194,  
145, 119) }
```

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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