

Converting Colors

$Y_{xy}(29.0353, 0.3764, 0.3695)$

Have a look what the booklet for
Yxy(29.0353, 0.3764, 0.3695)
contains.

Yxy(29.0353, 0.3764, 0.3695)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.0353, 0.3764, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	AC8D72
RGB	172, 141, 114
RGB Percent	67%, 55%, 45%
CMY	0.3254, 0.4471, 0.5529
CMYK	0.00, 0.18, 0.34, 0.33
HSL	28°, 26%, 56%
HSV	28°, 34%, 67%
XYZ	29.5775, 29.0353, 19.9672
YIQ	147.1910, 27.1430, -1.8250

Conversions

Conversions Part 2

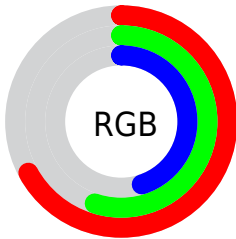
Format	Color
R _Y B	172, 165, 114
Decimal	11308402
CIE Lab	60.81, 7.74, 18.81
CIE LCh	61, 20.338, 67.639
Yxy	29.0353, 0.3764, 0.3695
Android (android.graphics.Color)	4289498482 (0xFFAC8D72)
YUV	147.1910, -16.3632, 21.7575
Hunter-Lab	53.8844, 3.6821, 15.7488

Details

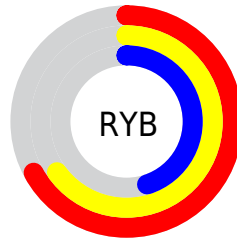
The Yxy color $29.0353, 0.3764, 0.3695$ is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be $26.8138, 0.2601, 0.2845$, and the grayscale version is $29.3225, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.2774, 0.3629, 0.3622$, and $11.7975, 0.3990, 0.3817$ is the 20% darker color. If you saturate the color by 10%, you get $26.0805, 0.4009, 0.3817$, and if you desaturate by 10%, it is $32.2917, 0.3545, 0.3570$.

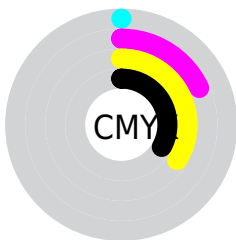
Distribution



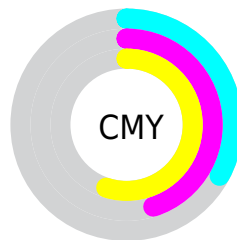
- Red (67%)
- Green (55%)
- Blue (45%)



- Red (67%)
- Yellow (65%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0353, 0.3764, 0.3695 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 29.0353, 0.3764, 0.3695 by changing the saturation by 10% instead.


 29.0353, 0.3764,
0.3695


 29.0353, 0.3764,
0.3695


297.3815, 0.3419,
0.3484


 19.1075, 0.3859,
0.3750


 58.1332, 0.3632,
0.3617


 11.7480, 0.3986,
0.3820


 78.0720, 0.3585,
0.3588

 6.5723, 0.4164,
0.3913


 102.1168, 0.3545,
0.3563

 3.1961, 0.4429,
0.4039

 130.6517, 0.3512,
0.3543

 1.2350, 0.5358,
0.4642

164.0612, 0.3484,
0.3525

 0.0900, 0.7531,
0.2469

202.7298, 0.3459,

 0.0000, 0.0000,

0.3509

0.0000

247.0417, 0.3438,
0.3496

■ 29.0353, 0.3764,
0.3695

■ 29.0353, 0.3764,
0.3695

■ 26.0805, 0.4009,
0.3817

■ 32.2917, 0.3545,
0.3570

■ 23.4137, 0.4277,
0.3929

■ 35.8547, 0.3352,
0.3448

■ 21.0261, 0.4561,
0.4021


■ 39.7343, 0.3184,
0.3332


■ 18.9065, 0.4848,
0.4080


■ 43.9388, 0.3038,
0.3222

■ 17.0431, 0.5121,
0.4094


■ 48.4761, 0.2911,
0.3121


 15.4224, 0.5362,
0.4056

 53.3538, 0.2801,
0.3028

 14.5158, 0.5500,
0.4015

 58.5792, 0.2705,
0.2943

 64.1595, 0.2622,
0.2865

 69.1794, 0.2618,
0.2937

Harmonies

Analogous

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



29.0353, 0.3771, 0.3441



29.0353, 0.3764, 0.3695



29.0353, 0.3579, 0.3860

Triad

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



29.0353, 0.3764, 0.3695



29.0353, 0.2674, 0.3397



29.0353, 0.2950, 0.2779

Complementary

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



29.0353, 0.3764, 0.3695



26.8138, 0.2601, 0.2845

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.



29.0353, 0.2676, 0.2748



29.0353, 0.3764, 0.3695



29.0353, 0.2523, 0.3083

Square

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



29.0353, 0.3764, 0.3695



29.0353, 0.2947, 0.3695



29.0353, 0.2525, 0.2851



29.0353, 0.3287, 0.2930

Rectangle

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



29.0353, 0.3764, 0.3695



29.0353, 0.3386, 0.3886



29.0353, 0.2525, 0.2851



29.0353, 0.2848, 0.2754

Sweetspot

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



29.0367, 0.3764, 0.3695



67.4620, 0.3290, 0.3406



22.8809, 0.3476, 0.2818



14.4571, 0.3314, 0.3422



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



29.0367, 0.3764, 0.3695



48.8619, 0.3933, 0.3781



38.4042, 0.3637, 0.4077



8.6066, 0.3275, 0.3396



10.9085, 0.5484, 0.4028



0.4136, 0.4997, 0.4414

Inverse Universe

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



26.8138, 0.2601, 0.2845



44.2394, 0.2491, 0.2735



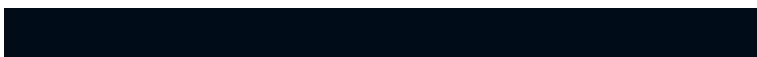
19.2582, 0.2540, 0.2358



8.4396, 0.2986, 0.3182



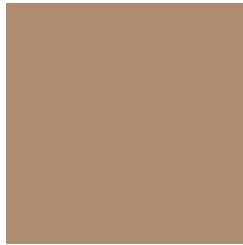
8.0183, 0.1811, 0.1720



0.3312, 0.1956, 0.2243

Previews

White Background



This preview shows how the Yxy color 29.0353, 0.3764, 0.3695 looks on a white background.

Color Contrast Check

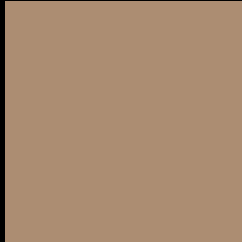
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0353, 0.3764, 0.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

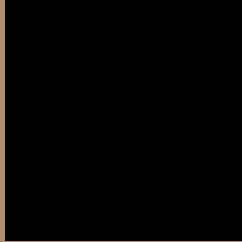
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0353, 0.3764, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 29.0353, 0.3764, 0.3695.



This preview shows how white text looks on a background with the Yxy color 29.0353, 0.3764, 0.3695.

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

29.0353, 0.3764, 0.3695

Protanopia

29.2197, 0.3525, 0.3765

Deuteranopia

29.0353, 0.3764, 0.3695



Tritanopia

28.9450, 0.3460, 0.3132

Trichromacy



Original Color

29.0353, 0.3764, 0.3695

Protanomaly

29.1931, 0.3611, 0.3741

Deuteranomaly

29.0353, 0.3764, 0.3695

Tritanomaly

29.0402, 0.3577, 0.3335

Monochromacy



Original Color

29.0353, 0.3764, 0.3695

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.0680, 0.3345, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0353, 0.3764, 0.3695 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(172, 141, 114)` looks like.

```
.text, #text, p{  
    color:rgb(172, 141, 114)  
}
```

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(172, 141, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 141, 114) }
```

Border

The CSS property to change the border of an element to Yxy 29.0353, 0.3764, 0.3695 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(172, 141, 114) }
```

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

```
.border{ border-color:rgb(172, 141, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 141, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 141, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 141, 114); box-shadow:4px 4px 4px 4px rgb(172, 141, 114) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0353, 0.3764, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 141, 114) }
```

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

```
.background{ background-color: rgb(172,  
141, 114) }
```

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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