

Converting Colors

$Yxy(36.3289, 0.3291, 0.3755)$

Have a look what the booklet for
Yxy(36.3289, 0.3291, 0.3755)
contains.

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Color

Yxy(36.4829, 0.3293, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	9CA788
RGB	156, 167, 136
RGB Percent	61%, 65%, 53%
CMY	0.3881, 0.3451, 0.4667
CMYK	0.07, 0.00, 0.19, 0.35
HSL	81°, 15%, 59%
HSV	81°, 19%, 65%
XYZ	31.9772, 36.4829, 28.6464
YIQ	160.1770, 3.3950, -11.9730

Conversions

Conversions Part 2

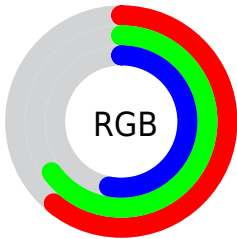
Format	Color
R_{YB}	136, 167, 147
Decimal	10266504
CIE _{Lab}	66.89, -9.52, 14.75
CIE _{LCh}	67, 17.559, 122.831
Yxy	36.4829, 0.3293, 0.3757
Android (android.graphics.Color)	4288456584 (0xFF9CA788)
YUV	160.1770, -11.9193, -3.6632
Hunter-Lab	60.4011, -11.2015, 14.1613

Details

The Yxy color **36.4829, 0.3293, 0.3757** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.5957, 0.2938, 0.2811**, and the grayscale version is **35.2973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7656, 0.3267, 0.3667**, and **15.9366, 0.3348, 0.3912** is the 20% darker color. If you saturate the color by 10%, you get **35.4710, 0.3380, 0.4028**, and if you desaturate by 10%, it is **37.6006, 0.3203, 0.3498**.

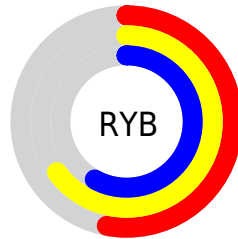
Distribution



Red (61%)

Green (65%)

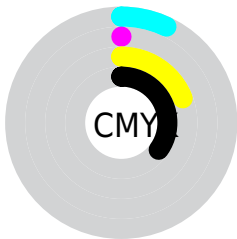
Blue (53%)



Red (53%)

Yellow (65%)

Blue (58%)

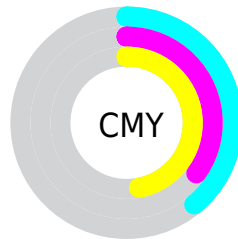


Cyan (7%)

Magenta (0%)

Yellow (19%)

Black (35%)



Cyan (39%)


Magenta (35%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4829, 0.3293, 0.3757 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 36.4829, 0.3293, 0.3757 by changing the saturation by 10% instead.


 36.4829, 0.3293,
0.3757


 36.4829, 0.3293,
0.3757


331.0663, 0.3209,
0.3509


 24.8074, 0.3314,
0.3824


 69.7768, 0.3263,
0.3663

 15.9336, 0.3341,
0.3913


 92.1639, 0.3251,
0.3629

 9.4772, 0.3376,
0.4036


 118.8903, 0.3241,
0.3601

 5.0537, 0.3423,
0.4220

150.3405, 0.3233,
0.3577

 2.2788, 0.3487,
0.4520

186.8988, 0.3226,
0.3557

 0.7625, 0.3923,
0.6077

228.9496, 0.3220,

 0.0000, 0.0000,

0.3539

0.0000

276.8773, 0.3214,
0.3523

■ 36.4829, 0.3293,
0.3757

■ 36.4829, 0.3293,
0.3757

■ 35.4710, 0.3380,
0.4028

■ 37.6006, 0.3203,
0.3498

■ 34.5564, 0.3461,
0.4305

■ 38.8229, 0.3115,
0.3256

■ 33.7364, 0.3532,
0.4578

■ 40.1549, 0.3028,
0.3033

■ 33.0068, 0.3588,
0.4838

■ 41.5997, 0.2946,
0.2829

■ 32.3625, 0.3624,
0.5070

■ 43.1604, 0.2868,
0.2645

■ 31.7982, 0.3637,
0.5265

■ 44.8399, 0.2796,
0.2478

■ 31.3074, 0.3625,
0.5413

■ 46.6412, 0.2729,
0.2329

■ 30.8790, 0.3594,
0.5518

■ 47.5912, 0.2760,
0.2322

■ 30.8204, 0.3589,
0.5532

■ 48.4377, 0.2805,
0.2334

Harmonies

Analogous

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



36.4829, 0.3522, 0.3733



36.4829, 0.3293, 0.3757



36.4829, 0.3026, 0.3641

Triad

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



36.4829, 0.3293, 0.3757



36.4829, 0.2631, 0.2964



36.4829, 0.3466, 0.3158

Complementary

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



36.4829, 0.3293, 0.3757



26.5957, 0.2938, 0.2811

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.



36.4829, 0.3213, 0.2973



36.4829, 0.3293, 0.3757



36.4829, 0.2737, 0.2859

Square

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



36.4829, 0.3293, 0.3757



36.4829, 0.2651, 0.3166



36.4829, 0.2946, 0.2865



36.4829, 0.3627, 0.3380

Rectangle

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



36.4829, 0.3293, 0.3757



36.4829, 0.2863, 0.3499



36.4829, 0.2946, 0.2865



36.4829, 0.3388, 0.3090

Sweetspot

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



36.4845, 0.3293, 0.3757



67.8638, 0.3181, 0.3437



30.8116, 0.3451, 0.3454



15.1571, 0.3187, 0.3453



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



36.4845, 0.3293, 0.3757



64.6278, 0.3327, 0.3860



35.0449, 0.3147, 0.3779



8.6391, 0.3210, 0.3517



23.6135, 0.3595, 0.5528



0.6015, 0.3800, 0.5365

Inverse Universe

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



26.5957, 0.2938, 0.2811



43.8269, 0.2893, 0.2702



28.1142, 0.3099, 0.2833



7.4248, 0.3039, 0.3060



2.8730, 0.1790, 0.0760



0.0985, 0.2187, 0.0978

Previews

White Background



This preview shows how the Yxy color 36.4829, 0.3293, 0.3757 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 36.4829, 0.3293, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

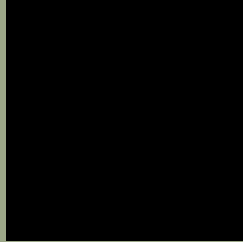
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4829, 0.3293, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 36.4829, 0.3293, 0.3757.



This preview shows how white text looks on a background with the Yxy color 36.4829, 0.3293, 0.3757.

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

36.4829, 0.3293, 0.3757

Protanopia

36.3325, 0.3482, 0.3695

Deuteranopia

36.1767, 0.3616, 0.3539



Tritanopia

36.5780, 0.3024, 0.3119

Trichromacy



Original Color

36.4829, 0.3293, 0.3757

Protanomaly

36.4072, 0.3407, 0.3716

Deuteranomaly

36.1779, 0.3500, 0.3619

Tritanomaly

36.5626, 0.3124, 0.3348

Monochromacy



Original Color

36.4829, 0.3293, 0.3757

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.7997, 0.3195, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4829, 0.3293, 0.3757 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(156, 167, 136)` looks like.

```
.text, #text, p{  
    color:rgb(156, 167, 136)  
}
```

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(156, 167, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 167, 136) }
```

Border

The CSS property to change the border of an element to Yxy 36.4829, 0.3293, 0.3757 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(156, 167, 136) }
```

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

```
.border{ border-color:rgb(156, 167, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 167, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 167, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 167, 136);  
box-shadow:4px 4px 4px 4px rgb(156, 167,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4829, 0.3293, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 167, 136) }
```

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

```
.background{ background-color: rgb(156,  
167, 136) }
```

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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