

Converting Colors

$Yxy(36.5089, 0.3191, 0.3630)$

Have a look what the booklet for
Yxy(36.5089, 0.3191, 0.3630)
contains.

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Color

Yxy(36.4541, 0.3186, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	99A791
RGB	153, 167, 145
RGB Percent	60%, 65%, 57%
CMY	0.4000, 0.3451, 0.4314
CMYK	0.08, 0.00, 0.13, 0.35
HSL	98°, 11%, 61%
HSV	98°, 13%, 65%
XYZ	32.0659, 36.4541, 32.1263
YIQ	160.3060, -1.2820, -9.8100

Conversions

Conversions Part 2

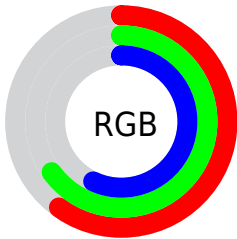
Format	Color
RYB	145, 167, 159
Decimal	10069905
CIELab	66.87, -9.10, 9.72
CIELCh	67, 13.322, 133.113
Yxy	36.4541, 0.3186, 0.3622
Android (android.graphics.Color)	4288259985 (0xFF99A791)
YUV	160.3060, -7.5459, -6.4074
Hunter-Lab	60.3772, -10.8601, 10.7163

Details

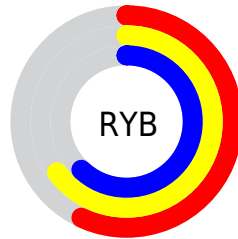
The Yxy color **36.4541, 0.3186, 0.3622** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4042, 0.3061, 0.2964**, and the grayscale version is **35.3389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6315, 0.3172, 0.3553**, and **15.9125, 0.3198, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **34.9904, 0.3228, 0.3901**, and if you desaturate by 10%, it is **38.0886, 0.3141, 0.3366**.

Distribution



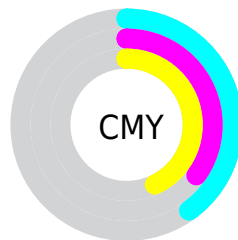
- Red (60%)
- Green (65%)
- Blue (57%)



- Red (57%)
- Yellow (65%)
- Blue (62%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)





- Cyan (40%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4541, 0.3186, 0.3622 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 36.4541, 0.3186, 0.3622 by changing the saturation by 10% instead.


 36.4541, 0.3186,
0.3622


 36.4541, 0.3186,
0.3622


330.9410, 0.3157,
0.3446

 24.7851, 0.3193,
0.3669


 69.7324, 0.3176,
0.3556

 15.9170, 0.3202,
0.3733


 92.1105, 0.3172,
0.3531

 9.4655, 0.3213,
0.3821


118.8270, 0.3168,
0.3511

 5.0460, 0.3229,
0.3953

150.2665, 0.3165,
0.3494

 2.2743, 0.3248,
0.4171

186.8132, 0.3163,
0.3480

 0.7600, 0.3553,
0.5399

228.8516, 0.3161,

 0.0000, 0.0000,

0.3467

0.0000

276.7661, 0.3159,
0.3456

■ 36.4541, 0.3186,
0.3622

■ 36.4541, 0.3186,
0.3622

■ 34.9904, 0.3228,
0.3901

■ 38.0886, 0.3141,
0.3366

■ 33.6870, 0.3266,
0.4199

■ 39.8946, 0.3097,
0.3135

■ 32.5396, 0.3297,
0.4510

■ 41.8788, 0.3053,
0.2929

■ 31.5417, 0.3317,
0.4821

■ 44.0460, 0.3010,
0.2745

■ 30.6864, 0.3322,
0.5117

■ 46.4010, 0.2970,
0.2583

■ 29.9662, 0.3312,
0.5382

■ 48.9483, 0.2933,
0.2439

■ 29.3726, 0.3284,
0.5598

■ 51.2409, 0.2946,
0.2372

■ 28.8960, 0.3240,
0.5754

■ 53.0237, 0.3030,
0.2395

■ 28.6264, 0.3207,
0.5835

■ 54.9150, 0.3116,
0.2417

Harmonies

Analogous

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



36.4541, 0.3376, 0.3643



36.4541, 0.3186, 0.3622



36.4541, 0.2985, 0.3503

Triad

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



36.4541, 0.3186, 0.3622



36.4541, 0.2765, 0.3006



36.4541, 0.3436, 0.3248

Complementary

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



36.4541, 0.3186, 0.3622



30.4042, 0.3061, 0.2964

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.



36.4541, 0.3263, 0.3091



36.4541, 0.3186, 0.3622



36.4541, 0.2877, 0.2952

Square

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



36.4541, 0.3186, 0.3622



36.4541, 0.2747, 0.3139



36.4541, 0.3058, 0.2984



36.4541, 0.3524, 0.3420

Rectangle

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



36.4541, 0.3186, 0.3622



36.4541, 0.2872, 0.3386



36.4541, 0.3058, 0.2984



36.4541, 0.3385, 0.3192

Sweetspot

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



36.4557, 0.3186, 0.3622



67.9392, 0.3145, 0.3388



35.0317, 0.3335, 0.3495



15.1537, 0.3149, 0.3406



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.



36.4557, 0.3186, 0.3622



64.4402, 0.3199, 0.3706



35.7926, 0.3087, 0.3583



8.5358, 0.3169, 0.3520



21.9297, 0.3214, 0.5830



0.5625, 0.3493, 0.5609

Inverse Universe

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



30.4042, 0.3061, 0.2964



51.3348, 0.3043, 0.2883



31.1439, 0.3170, 0.3013



7.5279, 0.3082, 0.3063



4.5151, 0.2326, 0.1055



0.1373, 0.2627, 0.1221

Previews

White Background



This preview shows how the Yxy color 36.4541, 0.3186, 0.3622 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 36.4541, 0.3186, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

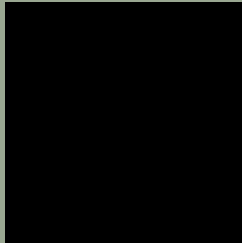
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

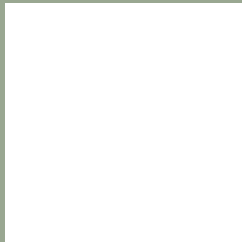
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.4541, 0.3186, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 36.4541, 0.3186, 0.3622.



This preview shows how white text looks on a background with the Yxy color 36.4541, 0.3186, 0.3622.

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

36.4541, 0.3186, 0.3622

Protanopia

36.3397, 0.3387, 0.3580

Deuteranopia

36.4109, 0.3493, 0.3429



Tritanopia

36.5981, 0.2971, 0.3104

Trichromacy



Original Color

36.4541, 0.3186, 0.3622

Protanomaly

36.4266, 0.3314, 0.3599

Deuteranomaly

36.4493, 0.3382, 0.3505

Tritanomaly

36.3355, 0.3045, 0.3275

Monochromacy



Original Color

36.4541, 0.3186, 0.3622

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.7290, 0.3140, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4541, 0.3186, 0.3622 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(153, 167, 145)` looks like.

```
.text, #text, p{  
    color:rgb(153, 167, 145)  
}
```

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(153, 167, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 167, 145) }
```

Border

The CSS property to change the border of an element to Yxy 36.4541, 0.3186, 0.3622 is called "border". The border property can be set on classes, ids or directly on the HTML element.

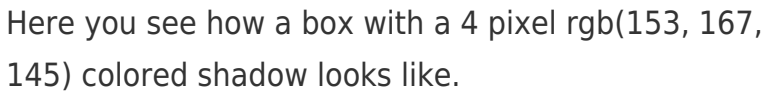
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 167, 145) }
```

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

```
.border{ border-color:rgb(153, 167, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 167, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 167, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 167, 145); box-shadow:4px 4px 4px 4px rgb(153, 167, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4541, 0.3186, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 167, 145) }
```

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

```
.background{ background-color: rgb(153,  
167, 145) }
```

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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