

Converting Colors

Yxy(36.4061, 0.3184, 0.3799)

Have a look what the booklet for
Yxy(36.4061, 0.3184, 0.3799)
contains.

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Color

Yxy(36.2018, 0.3177, 0.3785)

Conversions

Conversions Part 1

Format	Color
Hex	91A989
RGB	145, 169, 137
RGB Percent	57%, 66%, 54%
CMY	0.4312, 0.3373, 0.4627
CMYK	0.14, 0.00, 0.19, 0.34
HSL	105°, 16%, 60%
HSV	105°, 19%, 66%
XYZ	30.3866, 36.2018, 29.0571
YIQ	158.1760, -4.0320, -15.0400

Conversions

Conversions Part 2

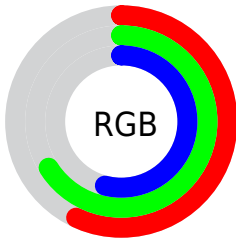
Format	Color
RYB	137, 169, 161
Decimal	9546121
CIELab	66.67, -14.46, 13.78
CIElCh	67, 19.976, 136.394
Yxy	36.2018, 0.3177, 0.3785
Android (android.graphics.Color)	4287736201 (0xFF91A989)
YUV	158.1760, -10.4398, -11.5554
Hunter-Lab	60.1679, -15.1462, 13.4844

Details

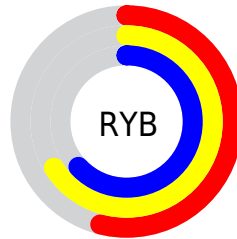
The Yxy color **36.2018, 0.3177, 0.3785** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.3322, 0.3064, 0.2819**, and the grayscale version is **34.3299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1711, 0.3172, 0.3687**, and **15.7904, 0.3184, 0.3959** is the 20% darker color. If you saturate the color by 10%, you get **34.6689, 0.3199, 0.4084**, and if you desaturate by 10%, it is **37.9419, 0.3151, 0.3511**.

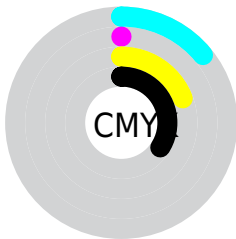
Distribution



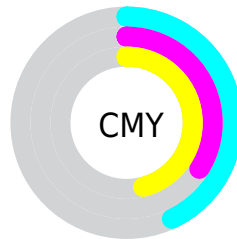
- Red (57%)
- Green (66%)
- Blue (54%)



- Red (54%)
- Yellow (66%)
- Blue (63%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)




- Cyan (43%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2018, 0.3177, 0.3785 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 36.2018, 0.3177, 0.3785 by changing the saturation by 10% instead.


 36.2018, 0.3177,
0.3785


 36.2018, 0.3177,
0.3785


329.8417, 0.3155,
0.3520

 24.5901, 0.3181,
0.3857

 69.3434, 0.3170,
0.3684

 15.7719, 0.3186,
0.3954


 91.6421, 0.3167,
0.3648

 9.3629, 0.3191,
0.4090


 118.2720, 0.3164,
0.3618

 4.9786, 0.3193,
0.4296

149.6173, 0.3162,
0.3592

 2.2347, 0.3185,
0.4638

186.0625, 0.3160,
0.3570

 0.7388, 0.3209,
0.6791

227.9921, 0.3158,

 0.0000, 0.0000,

0.3551

0.0000

275.7904, 0.3156,
0.3535

■ 36.2018, 0.3177,
0.3785

■ 36.2018, 0.3177,
0.3785

■ 34.6689, 0.3199,
0.4084

■ 37.9419, 0.3151,
0.3511

■ 33.3307, 0.3216,
0.4402

■ 39.8918, 0.3124,
0.3265

■ 32.1807, 0.3225,
0.4728


■ 42.0600, 0.3097,
0.3046


■ 31.2101, 0.3225,
0.5049

■ 44.4530, 0.3069,
0.2852

■ 30.4092, 0.3212,
0.5344


■ 47.0772, 0.3043,
0.2682

 29.7675, 0.3187,
0.5593

 49.9386, 0.3018,
0.2533

 29.2732, 0.3151,
0.5780

 53.0233, 0.2996,
0.2405

 28.9082, 0.3110,
0.5904

 55.2379, 0.3097,
0.2432

 28.8747, 0.3106,
0.5916

 56.8532, 0.3167,
0.2450

Harmonies

Analogous

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



36.2018, 0.3469, 0.3828



36.2018, 0.3177, 0.3785



36.2018, 0.2882, 0.3587

Triad

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



36.2018, 0.3177, 0.3785



36.2018, 0.2602, 0.2849



36.2018, 0.3615, 0.3250

Complementary

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



36.2018, 0.3177, 0.3785



28.3322, 0.3064, 0.2819

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.



36.2018, 0.3362, 0.3017



36.2018, 0.3177, 0.3785



36.2018, 0.2778, 0.2789

Square

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



36.2018, 0.3177, 0.3785



36.2018, 0.2559, 0.3031



36.2018, 0.3054, 0.2851



36.2018, 0.3731, 0.3503

Rectangle

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



36.2018, 0.3177, 0.3785



36.2018, 0.2721, 0.3400



36.2018, 0.3054, 0.2851



36.2018, 0.3542, 0.3168

Sweetspot

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



36.2034, 0.3177, 0.3785



68.9034, 0.3144, 0.3439



35.5437, 0.3427, 0.3633



14.9725, 0.3146, 0.3455



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.



36.2034, 0.3177, 0.3785



63.5667, 0.3188, 0.3916



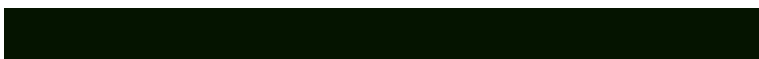
35.7207, 0.3042, 0.3675



8.4954, 0.3152, 0.3521



21.5444, 0.3112, 0.5911



0.5476, 0.3356, 0.5718

Inverse Universe

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



28.3322, 0.3064, 0.2819



46.6672, 0.3046, 0.2702



28.9210, 0.3225, 0.2934



7.5704, 0.3099, 0.3065



5.4988, 0.2592, 0.1201



0.1558, 0.2807, 0.1320

Previews

White Background



This preview shows how the Yxy color 36.2018, 0.3177, 0.3785 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 36.2018, 0.3177, 0.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

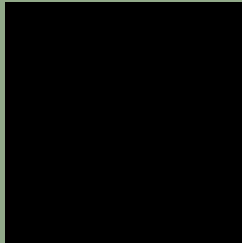
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2018, 0.3177, 0.3785

Background



This preview shows how black text looks on a background with the Yxy color 36.2018, 0.3177, 0.3785.



This preview shows how white text looks on a background with the Yxy color 36.2018, 0.3177, 0.3785.

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

36.2018, 0.3177, 0.3785

Protanopia

36.1920, 0.3481, 0.3711

Deuteranopia

35.9847, 0.3576, 0.3513



Tritanopia

36.3046, 0.2902, 0.3101

Trichromacy



Original Color

36.2018, 0.3177, 0.3785

Protanomaly

36.3129, 0.3373, 0.3751

Deuteranomaly

35.8999, 0.3417, 0.3610

Tritanomaly

36.2706, 0.3006, 0.3349

Monochromacy



Original Color

36.2018, 0.3177, 0.3785

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.8150, 0.3147, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2018, 0.3177, 0.3785 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 $rgb(145, 169, 137)$ looks like.

```
.text, #text, p{  
    color:rgb(145, 169, 137)  
}
```

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(145, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 169, 137) }
```

Border

The CSS property to change the border of an element to Yxy 36.2018, 0.3177, 0.3785 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(145, 169, 137) }
```

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

```
.border{ border-color:rgb(145, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 169, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 169, 137); box-shadow:4px 4px 4px 4px rgb(145, 169, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2018, 0.3177, 0.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 169, 137) }
```

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

```
.background{ background-color: rgb(145,  
169, 137) }
```

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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