

Converting Colors

$Y_{xy}(30.0417, 0.3003, 0.3016)$

Have a look what the booklet for
Yxy(30.0417, 0.3003, 0.3016)
contains.

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Color

Yxy(30.1634, 0.2999, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	9793A5
RGB	151, 147, 165
RGB Percent	59%, 58%, 65%
CMY	0.4079, 0.4235, 0.3530
CMYK	0.08, 0.11, 0.00, 0.35
HSL	253°, 9%, 61%
HSV	253°, 11%, 65%
XYZ	29.9834, 30.1634, 39.8313
YIQ	150.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

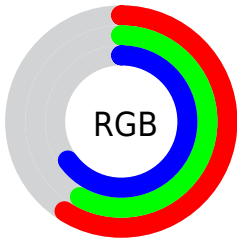
Format	Color
R_{YB}	151, 147, 165
Decimal	9933733
CIE _{Lab}	61.79, 5.05, -8.91
CIE _{LCh}	62, 10.239, 299.531
Yxy	30.1634, 0.2999, 0.3017
Android (android.graphics.Color)	4288123813 (0xFF9793A5)
YUV	150.2480, 7.2727, 0.6595
Hunter-Lab	54.9212, 1.3374, -4.5549

Details

The Yxy color **30.1634, 0.2999, 0.3017** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5907, 0.3247, 0.3555**, and the grayscale version is **30.5788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9197, 0.3024, 0.3072**, and **12.2673, 0.2955, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **24.2320, 0.2863, 0.2738**, and if you desaturate by 10%, it is **36.9674, 0.3117, 0.3269**.

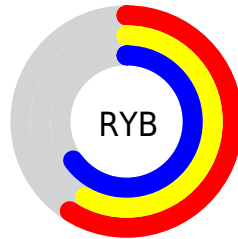
Distribution



Red (59%)

Green (58%)

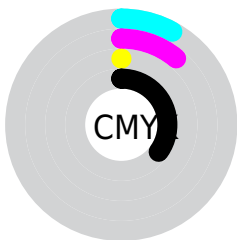
Blue (65%)



Red (59%)

Yellow (58%)

Blue (65%)

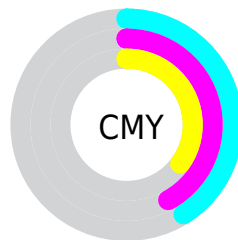


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (35%)



Cyan (41%)

Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.1634, 0.2999, 0.3017 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 30.1634, 0.2999, 0.3017 by changing the saturation by 10% instead.

■ 30.1634, 0.2999,
0.3017

■ 30.1634, 0.2999,
0.3017

■ 302.6654, 0.3068,
0.3162

■ 19.9626, 0.2980,
0.2978

■ 59.9205, 0.3026,
0.3072

■ 12.3679, 0.2954,
0.2926

■ 80.2456, 0.3035,
0.3091

■ 6.9947, 0.2917,
0.2854

■ 104.7143, 0.3043,
0.3108

■ 3.4588, 0.2861,
0.2747

■ 133.7110, 0.3050,
0.3122

■ 1.3757, 0.2764,
0.2570

■ 167.6200, 0.3055,
0.3134

■ 0.1987, 0.2312,
0.1472

■ 206.8259, 0.3060,

■ 0.0000, 0.0000,

0.3144

0.0000

251.7128, 0.3064,
0.3153

■ 30.1634, 0.2999,
0.3017

■ 30.1634, 0.2999,
0.3017

■ 24.2320, 0.2863,
0.2738

■ 36.9674, 0.3117,
0.3269

■ 19.1340, 0.2711,
0.2434

■ 44.6736, 0.3220,
0.3493

■ 14.8328, 0.2543,
0.2113

■ 53.3149, 0.3307,
0.3691

■ 11.2873, 0.2364,
0.1786

■ 62.9215, 0.3382,
0.3865

■ 8.4532, 0.2181,
0.1468

■ 73.5220, 0.3445,
0.4017

6.2810, 0.2004,
0.1181

85.1439, 0.3499,
0.4150

4.7149, 0.1845,
0.0944

92.9336, 0.3564,
0.4203

3.6897, 0.1714,
0.0773

95.2766, 0.3653,
0.4175

3.0985, 0.1623,
0.0667

95.4960, 0.3661,
0.4172

Harmonies

Analogous

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



30.1634, 0.2872, 0.3023



30.1634, 0.2999, 0.3017



30.1634, 0.3164, 0.3079

Triad

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



30.1634, 0.2999, 0.3017



30.1634, 0.3452, 0.3469



30.1634, 0.2933, 0.3387

Complementary

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



30.1634, 0.2999, 0.3017



36.5907, 0.3247, 0.3555

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.



30.1634, 0.3084, 0.3515



30.1634, 0.2999, 0.3017



30.1634, 0.3386, 0.3560

Square

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



30.1634, 0.2999, 0.3017



30.1634, 0.3429, 0.3335



30.1634, 0.3250, 0.3579



30.1634, 0.2834, 0.3233

Rectangle

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



30.1634, 0.2999, 0.3017



30.1634, 0.3273, 0.3151



30.1634, 0.3250, 0.3579



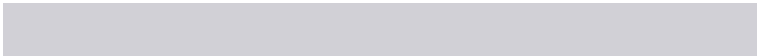
30.1634, 0.2979, 0.3435

Sweetspot

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



30.1647, 0.2999, 0.3017



63.4502, 0.3093, 0.3217



34.4417, 0.2963, 0.3231



13.6564, 0.3084, 0.3198



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.1647, 0.2999, 0.3017



51.4041, 0.2969, 0.2954



31.0499, 0.3088, 0.3024



6.9318, 0.3020, 0.3060



2.3634, 0.1630, 0.0672



0.0686, 0.1974, 0.0861

Inverse Universe

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



31.4429, 0.3178, 0.3085



54.1502, 0.3189, 0.3040



35.6972, 0.3162, 0.3562



7.1753, 0.3169, 0.3117



7.2500, 0.3846, 0.1892



0.1586, 0.3576, 0.1744

Previews

White Background



This preview shows how the Yxy color 30.1634, 0.2999, 0.3017 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 30.1634, 0.2999, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

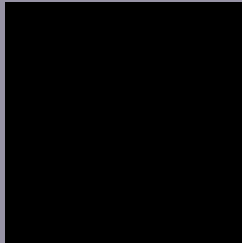
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

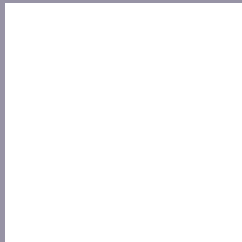
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.1634, 0.2999, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 30.1634, 0.2999, 0.3017.



This preview shows how white text looks on a background with the Yxy color 30.1634, 0.2999, 0.3017.

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

30.1634, 0.2999, 0.3017

Protanopia

30.1360, 0.2951, 0.3014

Deuteranopia

30.0353, 0.3049, 0.2990



Tritanopia

30.2019, 0.3035, 0.3106

Trichromacy



Original Color

30.1634, 0.2999, 0.3017

Protanomaly

30.2289, 0.2961, 0.3015

Deuteranomaly

30.1444, 0.3029, 0.3004

Tritanomaly

30.2725, 0.3017, 0.3076

Monochromacy



Original Color

30.1634, 0.2999, 0.3017

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.3455, 0.3081, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1634, 0.2999, 0.3017 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(151, 147, 165)` looks like.

```
.text, #text, p{  
    color:rgb(151, 147, 165)  
}
```

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(151, 147, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 147, 165) }
```

Border

The CSS property to change the border of an element to Yxy 30.1634, 0.2999, 0.3017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

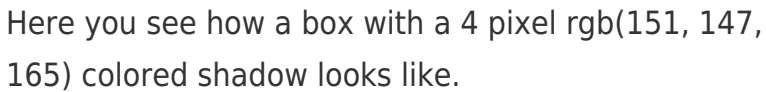
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 147, 165) }
```

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

```
.border{ border-color:rgb(151, 147, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 147, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 147, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 147, 165); box-shadow:4px 4px 4px 4px rgb(151, 147, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1634, 0.2999, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 147, 165) }
```

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

```
.background{ background-color: rgb(151,  
147, 165) }
```

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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