

Converting Colors

$Yxy(28.1147, 0.4184, 0.4981)$

Have a look what the booklet for
Yxy(28.1147, 0.4184, 0.4981)
contains.

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Color

Yxy(28.1147, 0.4184, 0.4981)

Conversions

Conversions Part 1

Format	Color
Hex	979511
RGB	151, 149, 17
RGB Percent	59%, 58%, 7%
CMY	0.4077, 0.4157, 0.9332
CMYK	0.00, 0.01, 0.89, 0.41
HSL	59°, 80%, 33%
HSV	59°, 89%, 59%
XYZ	23.6161, 28.1147, 4.7131
YIQ	134.5500, 43.5640, -40.6280

Conversions

Conversions Part 2

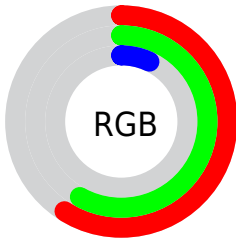
Format	Color
R_{YB}	19, 151, 17
Decimal	9934097
CIE Lab	59.99, -13.22, 60.80
CIE LCh	60, 62.218, 102.265
Yxy	28.1147, 0.4184, 0.4981
Android (android.graphics.Color)	4288124177 (0xFF979511)
YUV	134.5500, -57.9521, 14.4267
Hunter-Lab	53.0233, -13.2884, 31.8462

Details

The Yxy color **28.1147, 0.4184, 0.4981** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.8230, 0.1577, 0.0735**, and the grayscale version is **24.2631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8172, 0.4037, 0.4679**, and **11.4105, 0.4144, 0.5092** is the 20% darker color. If you saturate the color by 10%, you get **28.0069, 0.4216, 0.5026**, and if you desaturate by 10%, it is **28.2533, 0.4131, 0.4902**.

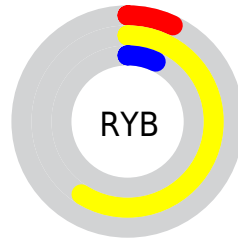
Distribution



Red (59%)

Green (58%)

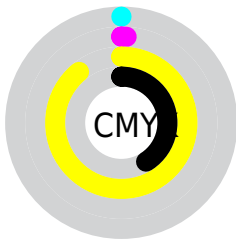
Blue (7%)



Red (7%)

Yellow (59%)

Blue (7%)

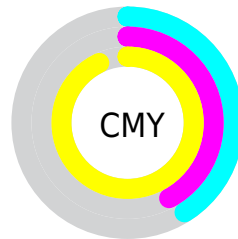


Cyan (0%)

Magenta (1%)

Yellow (89%)

Black (41%)



Cyan (41%)


Magenta (42%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1147, 0.4184, 0.4981 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 28.1147, 0.4184, 0.4981 by changing the saturation by 10% instead.


 28.1147, 0.4184,
0.4981


 28.1147, 0.4184,
0.4981


293.0146, 0.3698,
0.4114


 18.4121, 0.4261,
0.5171


 56.6675, 0.4033,
0.4677


 11.2463, 0.4331,
0.5395


 76.2866, 0.3967,
0.4558


 6.2327, 0.4359,
0.5641

 99.9799, 0.3908,
0.4456

 2.9871, 0.4212,
0.5788

 128.1319, 0.3856,
0.4368

 1.1250, 0.3931,
0.6069

 161.1270, 0.3809,
0.4292

 0.0000, 0.0000,
0.0000

 199.3495, 0.3768,

0.4225

243.1839, 0.3731,
0.4166

28.1147, 0.4184,
0.4981

28.1147, 0.4184,
0.4981

28.0069, 0.4216,
0.5026

28.2533, 0.4131,
0.4902

27.9935, 0.4219,
0.5032

28.4285, 0.4054,
0.4781

28.6460, 0.3953,
0.4621

28.9099, 0.3832,
0.4428

29.2235, 0.3696,
0.4210

■ 29.5901, 0.3550,
0.3976

■ 30.0124, 0.3401,
0.3735

■ 30.4933, 0.3253,
0.3495

■ 31.0350, 0.3109,
0.3261

Harmonies

Analogous

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



28.1147, 0.4883, 0.4340



28.1147, 0.4184, 0.4981



28.1147, 0.3272, 0.5187

Triad

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



28.1147, 0.4184, 0.4981



28.1147, 0.1470, 0.2437



28.1147, 0.3728, 0.2382

Complementary

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



28.1147, 0.4184, 0.4981



2.8230, 0.1577, 0.0735

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.



28.1147, 0.2699, 0.1980



28.1147, 0.4184, 0.4981



28.1147, 0.1549, 0.1949

Square

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



28.1147, 0.4184, 0.4981



28.1147, 0.1731, 0.3371



28.1147, 0.1950, 0.1822



28.1147, 0.4693, 0.2963

Rectangle

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



28.1147, 0.4184, 0.4981



28.1147, 0.2654, 0.4850



28.1147, 0.1950, 0.1822



28.1147, 0.3369, 0.2224

Sweetspot

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



28.1160, 0.4184, 0.4981



53.0498, 0.3533, 0.3948



7.0323, 0.6112, 0.3283



12.0080, 0.3579, 0.4022



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.1160, 0.4184, 0.4981



50.0816, 0.4220, 0.5031



24.1760, 0.3447, 0.5543



7.2068, 0.3261, 0.3507



23.8068, 0.4219, 0.5032



0.3603, 0.4207, 0.5042

Inverse Universe

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



2.8230, 0.1577, 0.0735



4.0664, 0.1503, 0.0609



4.4220, 0.2135, 0.1020



6.0406, 0.2988, 0.3064



1.9472, 0.1504, 0.0613



0.0326, 0.1522, 0.0679

Previews

White Background



This preview shows how the Yxy color 28.1147, 0.4184, 0.4981 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 28.1147, 0.4184, 0.4981 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 28.1147, 0.4184, 0.4981

Background



This preview shows how black text looks on a background with the Yxy color 28.1147, 0.4184, 0.4981.



This preview shows how white text looks on a background with the Yxy color 28.1147, 0.4184, 0.4981.

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

28.1147, 0.4184, 0.4981

Protanopia

28.0747, 0.4368, 0.4843

Deuteranopia

27.9155, 0.4640, 0.4556



Tritanopia

28.2122, 0.3265, 0.3138

Trichromacy



Original Color

28.1147, 0.4184, 0.4981

Protanomaly

27.9661, 0.4311, 0.4887

Deuteranomaly

27.7695, 0.4486, 0.4705

Tritanomaly

27.7526, 0.3719, 0.3958

Monochromacy



Original Color

28.1147, 0.4184, 0.4981

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.1916, 0.3637, 0.4110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1147, 0.4184, 0.4981 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, 149, 17)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 17)  
}
```

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, 149, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 17) }
```

Border

The CSS property to change the border of an element to Yxy 28.1147, 0.4184, 0.4981 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, 149, 17) }
```

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

```
.border{ border-color:rgb(151, 149, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 149, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 17);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1147, 0.4184, 0.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 17) }
```

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

```
.background{ background-color: rgb(151,  
149, 17) }
```

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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