

Converting Colors

$Y_{xy}(28.7649, 0.3372, 0.3506)$

Have a look what the booklet for
Yxy(28.7649, 0.3372, 0.3506)
contains.

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Color

Yxy(28.8581, 0.3376, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	9B9183
RGB	155, 145, 131
RGB Percent	61%, 57%, 51%
CMY	0.3921, 0.4314, 0.4864
CMYK	0.00, 0.06, 0.16, 0.39
HSL	35°, 11%, 56%
HSV	35°, 16%, 61%
XYZ	27.7406, 28.8581, 25.5713
YIQ	146.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

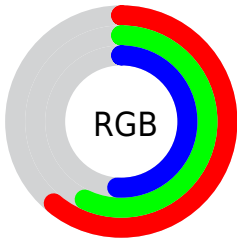
Format	Color
R_{YB}	148, 155, 131
Decimal	10195331
CIE _{Lab}	60.66, 1.25, 8.77
CIE _{LCh}	61, 8.860, 81.906
Yxy	28.8581, 0.3376, 0.3512
Android (android.graphics.Color)	4288385411 (0xFF9B9183)
YUV	146.3940, -7.5892, 7.5475
Hunter-Lab	53.7197, -1.8331, 9.3810

Details

The Yxy color $28.8581, 0.3376, 0.3512$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.2372, 0.2890, 0.3058$, and the grayscale version is $28.9440, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.0092, 0.3327, 0.3468$, and $11.7367, 0.3462, 0.3588$ is the 20% darker color. If you saturate the color by 10%, you get $26.5522, 0.3560, 0.3663$, and if you desaturate by 10%, it is $31.3416, 0.3210, 0.3367$.

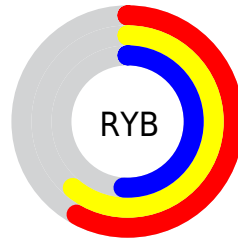
Distribution



Red (61%)

Green (57%)

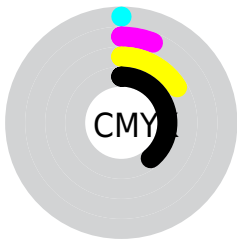
Blue (51%)



Red (58%)

Yellow (61%)

Blue (51%)

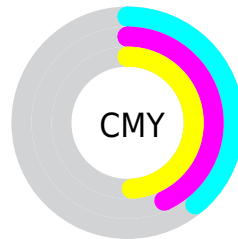


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (39%)



Cyan (39%)


Magenta (43%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8581, 0.3376, 0.3512 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 28.8581, 0.3376, 0.3512 by changing the saturation by 10% instead.


 28.8581, 0.3376,
0.3512


 28.8581, 0.3376,
0.3512


296.5448, 0.3241,
0.3393

 18.9735, 0.3413,
0.3545


 57.8516, 0.3324,
0.3466

 11.6511, 0.3464,
0.3589


 77.7292, 0.3306,
0.3450

 6.5066, 0.3536,
0.3652


 101.7067, 0.3291,
0.3436

 3.1555, 0.3647,
0.3747

130.1683, 0.3278,
0.3425

 1.2134, 0.3873,
0.3945

163.4986, 0.3267,
0.3415

 0.0726, 0.5780,
0.4220

202.0818, 0.3257,

 0.0000, 0.0000,

0.3407

0.0000

246.3024, 0.3249,
0.3399

■ 28.8581, 0.3376,
0.3512

■ 28.8581, 0.3376,
0.3512

■ 26.5522, 0.3560,
0.3663

■ 31.3416, 0.3210,
0.3367

■ 24.4156, 0.3763,
0.3815

■ 34.0033, 0.3063,
0.3229

■ 22.4445, 0.3983,
0.3964

■ 36.8488, 0.2933,
0.3101

■ 20.6337, 0.4214,
0.4099

■ 39.8820, 0.2818,
0.2983

■ 18.9778, 0.4449,
0.4212

■ 43.1069, 0.2716,
0.2874

■ 17.4706, 0.4678,
0.4290

■ 46.5273, 0.2626,
0.2773

■ 16.1054, 0.4889,
0.4324

■ 50.1468, 0.2547,
0.2682

■ 14.8739, 0.5070,
0.4308

■ 53.9690, 0.2477,
0.2598

■ 14.3570, 0.5149,
0.4294

■ 56.9591, 0.2489,
0.2678

Harmonies

Analogous

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



28.8581, 0.3415, 0.3420



28.8581, 0.3376, 0.3512



28.8581, 0.3270, 0.3546

Triad

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



28.8581, 0.3376, 0.3512



28.8581, 0.2886, 0.3275



28.8581, 0.3122, 0.3085

Complementary

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



28.8581, 0.3376, 0.3512



26.2372, 0.2890, 0.3058

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.



28.8581, 0.2982, 0.3045



28.8581, 0.3376, 0.3512



28.8581, 0.2848, 0.3150

Square

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



28.8581, 0.3376, 0.3512



28.8581, 0.2987, 0.3407



28.8581, 0.2883, 0.3067



28.8581, 0.3266, 0.3176

Rectangle

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



28.8581, 0.3376, 0.3512



28.8581, 0.3177, 0.3528



28.8581, 0.2883, 0.3067



28.8581, 0.3073, 0.3065

Sweetspot

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



28.8594, 0.3376, 0.3512



56.3062, 0.3204, 0.3361



25.1188, 0.3296, 0.3132



12.6764, 0.3214, 0.3370



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.8594, 0.3376, 0.3512



50.0402, 0.3445, 0.3570



31.8599, 0.3332, 0.3666



6.7912, 0.3270, 0.3420



11.6053, 0.5138, 0.4302



0.2452, 0.4650, 0.4690

Inverse Universe

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



26.2372, 0.2890, 0.3058



44.3313, 0.2828, 0.2993



23.5776, 0.2905, 0.2890



6.4280, 0.2989, 0.3157



4.9700, 0.1709, 0.1351



0.1437, 0.1933, 0.2159

Previews

White Background



This preview shows how the Yxy color 28.8581, 0.3376, 0.3512 looks on a white background.

Color Contrast Check

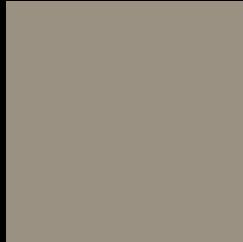
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8581, 0.3376, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

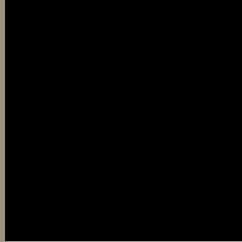
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8581, 0.3376, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 28.8581, 0.3376, 0.3512.



This preview shows how white text looks on a background with the Yxy color 28.8581, 0.3376, 0.3512.

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

28.8581, 0.3376, 0.3512

Protanopia

28.8719, 0.3340, 0.3529

Deuteranopia

28.8227, 0.3498, 0.3428



Tritanopia

28.9150, 0.3188, 0.3123

Trichromacy



Original Color

28.8581, 0.3376, 0.3512

Protanomaly

28.9688, 0.3351, 0.3529

Deuteranomaly

28.6933, 0.3451, 0.3445

Tritanomaly

28.8574, 0.3257, 0.3259

Monochromacy



Original Color

28.8581, 0.3376, 0.3512

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.8704, 0.3208, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8581, 0.3376, 0.3512 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(155, 145, 131)` looks like.

```
.text, #text, p{  
    color:rgb(155, 145, 131)  
}
```

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(155, 145, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 145, 131) }
```

Border

The CSS property to change the border of an element to Yxy 28.8581, 0.3376, 0.3512 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(155, 145, 131) }
```

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

```
.border{ border-color:rgb(155, 145, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 145, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 145, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 145, 131);  
box-shadow:4px 4px 4px 4px rgb(155, 145,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8581, 0.3376, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 145, 131) }
```

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

```
.background{ background-color: rgb(155,  
145, 131) }
```

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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