

Converting Colors

$Y_{xy}(28.2578, 0.3418, 0.3360)$

Have a look what the booklet for
Yxy(28.2578, 0.3418, 0.3360)
contains.

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Color

Yxy(28.2151, 0.3413, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	A28C88
RGB	162, 140, 136
RGB Percent	64%, 55%, 53%
CMY	0.3646, 0.4510, 0.4666
CMYK	0.00, 0.14, 0.16, 0.36
HSL	9°, 12%, 58%
HSV	9°, 16%, 64%
XYZ	28.7286, 28.2151, 27.2303
YIQ	146.1220, 14.3960, 3.4200

Conversions

Conversions Part 2

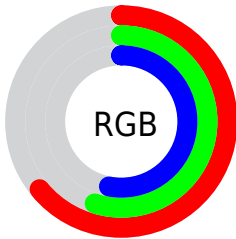
Format	Color
R_{YB}	162, 141, 136
Decimal	10652808
CIE _{Lab}	60.08, 7.61, 5.17
CIE _{LCh}	60, 9.201, 34.186
Yxy	28.2151, 0.3413, 0.3352
Android (android.graphics.Color)	4288842888 (0xFFA28C88)
YUV	146.1220, -4.9901, 13.9250
Hunter-Lab	53.1179, 3.5846, 6.7882

Details

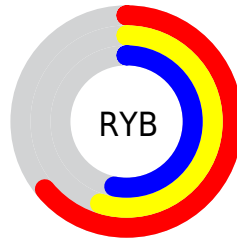
The Yxy color **28.2151, 0.3413, 0.3352** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **32.3208, 0.2887, 0.3227**, and the grayscale version is **28.8160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0094, 0.3354, 0.3349**, and **11.2992, 0.3520, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **24.0251, 0.3642, 0.3394**, and if you desaturate by 10%, it is **32.9780, 0.3225, 0.3313**.

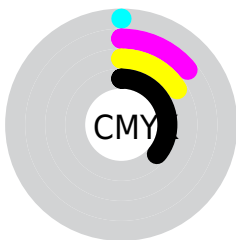
Distribution



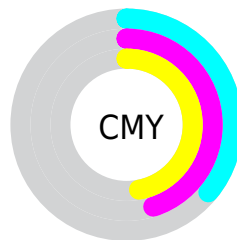
- Red (64%)
- Green (55%)
- Blue (53%)



- Red (64%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2151, 0.3413, 0.3352 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 28.2151, 0.3413, 0.3352 by changing the saturation by 10% instead.


 28.2151, 0.3413,
0.3352


 28.2151, 0.3413,
0.3352


293.4933, 0.3257,
0.3320

 18.4879, 0.3457,
0.3360


 56.8277, 0.3353,
0.3340

 11.3008, 0.3516,
0.3371


 76.4818, 0.3332,
0.3336

 6.2695, 0.3602,
0.3385


 100.2137, 0.3314,
0.3332

 3.0097, 0.3736,
0.3406

128.4077, 0.3299,
0.3329

 1.1368, 0.3978,
0.3439

161.4483, 0.3286,
0.3326

 0.0091, 0.9551,
0.0449

199.7199, 0.3275,

 0.0000, 0.0000,

0.3324

0.0000

243.6067, 0.3266,
0.3322

■ 28.2151, 0.3413,
0.3352

■ 28.2151, 0.3413,
0.3352

■ 24.0251, 0.3642,
0.3394

■ 32.9780, 0.3225,
0.3313

■ 20.3826, 0.3917,
0.3436

■ 38.3302, 0.3070,
0.3276

■ 17.2660, 0.4245,
0.3476

■ 44.2924, 0.2942,
0.3242

■ 14.6510, 0.4623,
0.3508

■ 50.8830, 0.2836,
0.3212

■ 12.5112, 0.5039,
0.3527

■ 58.1197, 0.2748,
0.3184

■ 10.8175, 0.5463,
0.3525

■ 66.0193, 0.2674,
0.3159

■ 9.5381, 0.5848,
0.3496

■ 74.5984, 0.2611,
0.3137

■ 8.6355, 0.6144,
0.3443

■ 83.1678, 0.2607,
0.3231

■ 8.3694, 0.6242,
0.3426

■ 86.4252, 0.2615,
0.3288

Harmonies

Analogous

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



28.2151, 0.3326, 0.3221



28.2151, 0.3413, 0.3352



28.2151, 0.3421, 0.3471

Triad

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



28.2151, 0.3413, 0.3352



28.2151, 0.3065, 0.3481



28.2151, 0.2907, 0.3039

Complementary

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



28.2151, 0.3413, 0.3352



32.3208, 0.2887, 0.3227

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.



28.2151, 0.2841, 0.3101



28.2151, 0.3413, 0.3352



28.2151, 0.2931, 0.3357

Square

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



28.2151, 0.3413, 0.3352



28.2151, 0.3218, 0.3551



28.2151, 0.2850, 0.3217



28.2151, 0.3032, 0.3043

Rectangle

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



28.2151, 0.3413, 0.3352



28.2151, 0.3381, 0.3527



28.2151, 0.2850, 0.3217



28.2151, 0.2877, 0.3053

Sweetspot

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



28.2164, 0.3413, 0.3352



60.7278, 0.3208, 0.3309



27.7714, 0.3185, 0.2959



13.5003, 0.3220, 0.3311



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.



28.2164, 0.3413, 0.3352



48.5747, 0.3484, 0.3366



32.2226, 0.3383, 0.3547



7.2525, 0.3281, 0.3325



6.6328, 0.6230, 0.3435



0.1863, 0.5708, 0.3850

Inverse Universe

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



32.3208, 0.2887, 0.3227



57.3497, 0.2840, 0.3213



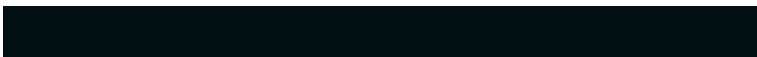
28.1341, 0.2879, 0.3019



7.8261, 0.2988, 0.3255



16.2598, 0.2113, 0.2807



0.3884, 0.2166, 0.2999

Previews

White Background



This preview shows how the Yxy color 28.2151, 0.3413, 0.3352 looks on a white background.

Color Contrast Check

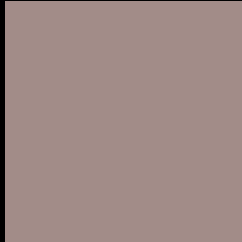
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2151, 0.3413, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

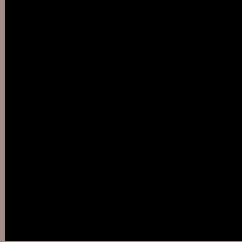
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2151, 0.3413, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 28.2151, 0.3413, 0.3352.



This preview shows how white text looks on a background with the Yxy color 28.2151, 0.3413, 0.3352.

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

28.2151, 0.3413, 0.3352

Protanopia

28.1711, 0.3240, 0.3386

Deuteranopia

28.2151, 0.3413, 0.3352



Tritanopia

28.2394, 0.3300, 0.3125

Trichromacy



Original Color

28.2151, 0.3413, 0.3352

Protanomaly

28.3211, 0.3307, 0.3385

Deuteranomaly

28.2151, 0.3413, 0.3352

Tritanomaly

28.2654, 0.3340, 0.3215

Monochromacy



Original Color

28.2151, 0.3413, 0.3352

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.5749, 0.3232, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2151, 0.3413, 0.3352 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(162, 140, 136)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 136)  
}
```

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(162, 140, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 136) }
```

Border

The CSS property to change the border of an element to Yxy 28.2151, 0.3413, 0.3352 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(162, 140, 136) }
```

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

```
.border{ border-color:rgb(162, 140, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 136);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2151, 0.3413, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 136) }
```

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

```
.background{ background-color: rgb(162,  
140, 136) }
```

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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