

Converting Colors

$Y_{xy}(28.8542, 0.3283, 0.3427)$

Have a look what the booklet for
Yxy(28.8542, 0.3283, 0.3427)
contains.

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Color

Yxy(28.7323, 0.3281, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	989189
RGB	152, 145, 137
RGB Percent	60%, 57%, 54%
CMY	0.4040, 0.4313, 0.4627
CMYK	0.00, 0.05, 0.10, 0.40
HSL	32°, 7%, 57%
HSV	32°, 10%, 60%
XYZ	27.5887, 28.7323, 27.7653
YIQ	146.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

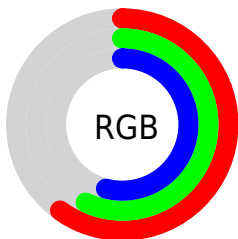
Format	Color
R _Y B	150, 152, 137
Decimal	9998729
CIE Lab	60.54, 1.12, 5.15
CIE LCh	61, 5.268, 77.703
Yxy	28.7323, 0.3281, 0.3417
Android (android.graphics.Color)	4288188809 (0xFF989189)
YUV	146.1810, -4.5262, 5.1033
Hunter-Lab	53.6025, -1.9321, 6.8104

Details

The Yxy color $28.7323, 0.3281, 0.3417$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.5328, 0.2979, 0.3160$, and the grayscale version is $28.8398, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.6864, 0.3249, 0.3397$, and $11.6392, 0.3338, 0.3475$ is the 20% darker color. If you saturate the color by 10%, you get $26.2284, 0.3458, 0.3553$, and if you desaturate by 10%, it is $31.4354, 0.3125, 0.3288$.

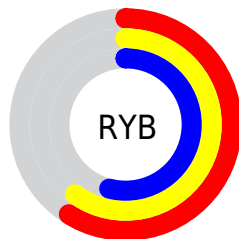
Distribution



Red (60%)

Green (57%)

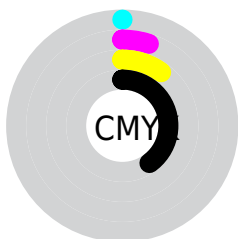
Blue (54%)



Red (59%)

Yellow (60%)

Blue (54%)

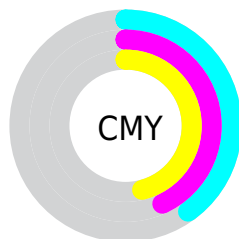


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (40%)



Cyan (40%)


Magenta (43%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7323, 0.3281, 0.3417 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 28.7323, 0.3281, 0.3417 by changing the saturation by 10% instead.


 28.7323, 0.3281,
0.3417


 28.7323, 0.3281,
0.3417


295.9498, 0.3198,
0.3349

 18.8784, 0.3304,
0.3436


 57.6515, 0.3249,
0.3391

 11.5824, 0.3336,
0.3461


 77.4856, 0.3238,
0.3381

 6.4600, 0.3381,
0.3498


 101.4152, 0.3228,
0.3374

 3.1268, 0.3450,
0.3553

129.8247, 0.3220,
0.3367

 1.1983, 0.3573,
0.3651

163.0985, 0.3213,
0.3361

 0.0603, 0.5841,
0.4159

201.6210, 0.3207,

 0.0000, 0.0000,

0.3357

0.0000

245.7767, 0.3202,
0.3352

■ 28.7323, 0.3281,
0.3417

■ 28.7323, 0.3281,
0.3417

■ 26.2284, 0.3458,
0.3553

■ 31.4354, 0.3125,
0.3288

■ 23.9148, 0.3655,
0.3693

■ 34.3386, 0.2988,
0.3167

■ 21.7876, 0.3875,
0.3832

■ 37.4479, 0.2867,
0.3056

■ 19.8412, 0.4112,
0.3965

■ 40.7676, 0.2762,
0.2953

■ 18.0698, 0.4363,
0.4081

■ 44.3019, 0.2669,
0.2858

■ 16.4670, 0.4618,
0.4170

■ 48.0552, 0.2588,
0.2772

■ 15.0260, 0.4864,
0.4221

■ 52.0313, 0.2516,
0.2692

■ 13.7390, 0.5087,
0.4223

■ 55.9995, 0.2470,
0.2658

■ 12.5914, 0.5285,
0.4184

■ 59.3963, 0.2484,
0.2745

Harmonies

Analogous

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



28.7323, 0.3297, 0.3359



28.7323, 0.3281, 0.3417



28.7323, 0.3223, 0.3441

Triad

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



28.7323, 0.3281, 0.3417



28.7323, 0.2989, 0.3293



28.7323, 0.3112, 0.3161

Complementary

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



28.7323, 0.3281, 0.3417



27.5328, 0.2979, 0.3160

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.



28.7323, 0.3031, 0.3142



28.7323, 0.3281, 0.3417



28.7323, 0.2960, 0.3217

Square

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



28.7323, 0.3281, 0.3417



28.7323, 0.3055, 0.3369



28.7323, 0.2975, 0.3162



28.7323, 0.3199, 0.3213

Rectangle

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



28.7323, 0.3281, 0.3417



28.7323, 0.3170, 0.3434



28.7323, 0.2975, 0.3162



28.7323, 0.3083, 0.3151

Sweetspot

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



28.7336, 0.3281, 0.3417



53.9276, 0.3173, 0.3329



26.5845, 0.3221, 0.3179



12.1726, 0.3185, 0.3339



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.



28.7336, 0.3281, 0.3417



49.6411, 0.3321, 0.3449



30.8850, 0.3264, 0.3525



6.7411, 0.3271, 0.3409



10.6081, 0.5279, 0.4191



0.2314, 0.4726, 0.4630

Inverse Universe

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



27.5328, 0.2979, 0.3160



47.0497, 0.2942, 0.3126



25.5254, 0.2983, 0.3044



6.4774, 0.2989, 0.3168



5.7283, 0.1752, 0.1505



0.1575, 0.1969, 0.2287

Previews

White Background



This preview shows how the Yxy color 28.7323, 0.3281, 0.3417 looks on a white background.

Color Contrast Check

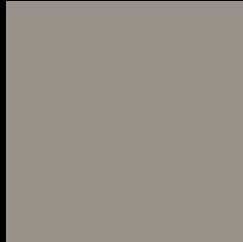
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7323, 0.3281, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

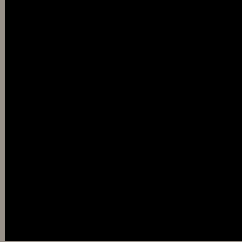
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7323, 0.3281, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 28.7323, 0.3281, 0.3417.

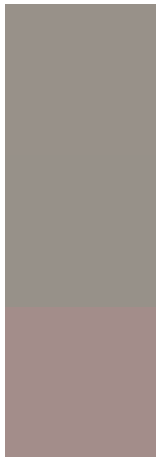


This preview shows how white text looks on a background with the Yxy color 28.7323, 0.3281, 0.3417.

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

28.7323, 0.3281, 0.3417

Protanopia

28.6363, 0.3270, 0.3418

Deuteranopia

28.6713, 0.3400, 0.3337



Tritanopia

28.8480, 0.3135, 0.3121

Trichromacy



Original Color

28.7323, 0.3281, 0.3417

Protanomaly

28.6363, 0.3270, 0.3418

Deuteranomaly

28.5519, 0.3353, 0.3353

Tritanomaly

28.8569, 0.3183, 0.3228

Monochromacy



Original Color

28.7323, 0.3281, 0.3417

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.8368, 0.3177, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7323, 0.3281, 0.3417 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(152, 145, 137)` looks like.

```
.text, #text, p{  
    color:rgb(152, 145, 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(152, 145, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 145, 137) }
```

Border

The CSS property to change the border of an element to Yxy 28.7323, 0.3281, 0.3417 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(152, 145, 137) }
```

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

```
.border{ border-color:rgb(152, 145, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 145, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 145, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 145, 137);  
box-shadow:4px 4px 4px 4px rgb(152, 145,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7323, 0.3281, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 145, 137) }
```

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

```
.background{ background-color: rgb(152,  
145, 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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