

Converting Colors

$Y_{xy}(28.2253, 0.3355, 0.3514)$

Have a look what the booklet for
Yxy(28.2253, 0.3355, 0.3514)
contains.

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Color

Yxy(28.2336, 0.3355, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	989082
RGB	152, 144, 130
RGB Percent	60%, 56%, 51%
CMY	0.4040, 0.4353, 0.4903
CMYK	0.00, 0.05, 0.14, 0.40
HSL	38°, 10%, 55%
HSV	38°, 14%, 60%
XYZ	26.9484, 28.2336, 25.1412
YIQ	144.7960, 9.2620, -2.6580

Conversions

Conversions Part 2

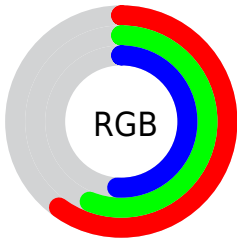
Format	Color
R _Y B	143, 152, 130
Decimal	9998466
CIE Lab	60.10, 0.46, 8.51
CIE LCh	60, 8.520, 86.900
Yxy	28.2336, 0.3355, 0.3515
Android (android.graphics.Color)	4288188546 (0xFF989082)
YUV	144.7960, -7.2944, 6.3179
Hunter-Lab	53.1353, -2.4576, 9.1414

Details

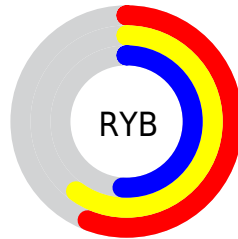
The Yxy color **28.2336, 0.3355, 0.3515** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1757, 0.2906, 0.3054**, and the grayscale version is **28.2550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9289, 0.3303, 0.3470**, and **11.3662, 0.3432, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **26.2278, 0.3533, 0.3678**, and if you desaturate by 10%, it is **30.3836, 0.3194, 0.3358**.

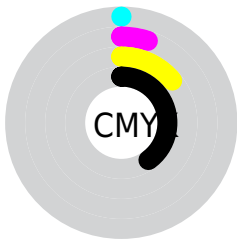
Distribution



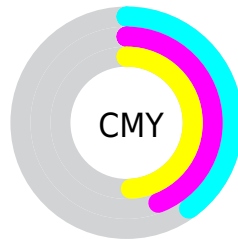
- Red (60%)
- Green (56%)
- Blue (51%)



- Red (56%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (40%)




- Cyan (40%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2336, 0.3355, 0.3515 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 28.2336, 0.3355, 0.3515 by changing the saturation by 10% instead.


 28.2336, 0.3355,
0.3515


 28.2336, 0.3355,
0.3515


293.5815, 0.3231,
0.3393

 18.5018, 0.3389,
0.3549


 56.8572, 0.3308,
0.3468

 11.3109, 0.3436,
0.3595


 76.5178, 0.3291,
0.3452

 6.2763, 0.3503,
0.3660


 100.2568, 0.3276,
0.3438

 3.0138, 0.3606,
0.3760

128.4585, 0.3265,
0.3426

 1.1390, 0.3835,
0.3986

161.5075, 0.3255,
0.3416

 0.0110, 0.6638,
0.3362

199.7881, 0.3246,

 0.0000, 0.0000,

0.3407

0.0000

243.6846, 0.3238,
0.3400

■ 28.2336, 0.3355,
0.3515

■ 28.2336, 0.3355,
0.3515

■ 26.2278, 0.3533,
0.3678

■ 30.3836, 0.3194,
0.3358

■ 24.3588, 0.3726,
0.3843

■ 32.6777, 0.3049,
0.3209

■ 22.6237, 0.3932,
0.4004

■ 35.1206, 0.2920,
0.3070

■ 21.0184, 0.4146,
0.4153

■ 37.7156, 0.2805,
0.2941

■ 19.5381, 0.4361,
0.4279

■ 40.4658, 0.2703,
0.2823

■ 18.1779, 0.4567,
0.4372

■ 43.3744, 0.2613,
0.2714

■ 16.9322, 0.4755,
0.4422

■ 46.4442, 0.2532,
0.2614

■ 15.7943, 0.4914,
0.4424

■ 49.6781, 0.2461,
0.2523

■ 15.2037, 0.4997,
0.4414

■ 52.2976, 0.2454,
0.2557

Harmonies

Analogous

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



28.2336, 0.3405, 0.3434



28.2336, 0.3355, 0.3515



28.2336, 0.3244, 0.3536

Triad

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



28.2336, 0.3355, 0.3515



28.2336, 0.2882, 0.3254



28.2336, 0.3146, 0.3103

Complementary

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



28.2336, 0.3355, 0.3515



25.1757, 0.2906, 0.3054

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.



28.2336, 0.3007, 0.3055



28.2336, 0.3355, 0.3515



28.2336, 0.2857, 0.3138

Square

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



28.2336, 0.3355, 0.3515



28.2336, 0.2972, 0.3383



28.2336, 0.2902, 0.3066



28.2336, 0.3283, 0.3198

Rectangle

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



28.2336, 0.3355, 0.3515



28.2336, 0.3151, 0.3512



28.2336, 0.2902, 0.3066



28.2336, 0.3098, 0.3081

Sweetspot

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



28.2348, 0.3355, 0.3515



53.7977, 0.3188, 0.3352



24.4707, 0.3296, 0.3160



12.1644, 0.3199, 0.3363



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.



28.2348, 0.3355, 0.3515



48.8110, 0.3404, 0.3561



30.4580, 0.3306, 0.3641



6.8460, 0.3268, 0.3432



12.8104, 0.4990, 0.4420



0.2601, 0.4575, 0.4750

Inverse Universe

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



25.1757, 0.2906, 0.3054



42.4722, 0.2860, 0.3003



23.2063, 0.2933, 0.2920



6.3747, 0.2988, 0.3144



4.2545, 0.1665, 0.1195



0.1287, 0.1892, 0.2009

Previews

White Background



This preview shows how the Yxy color 28.2336, 0.3355, 0.3515 looks on a white background.

Color Contrast Check

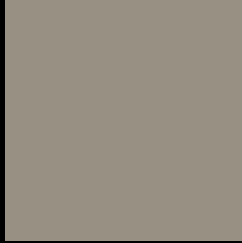
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2336, 0.3355, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

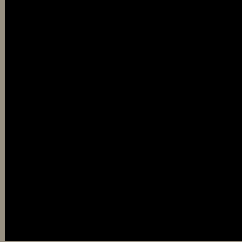
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2336, 0.3355, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 28.2336, 0.3355, 0.3515.



This preview shows how white text looks on a background with the Yxy color 28.2336, 0.3355, 0.3515.

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

28.2336, 0.3355, 0.3515

Protanopia

28.1375, 0.3344, 0.3515

Deuteranopia

28.2874, 0.3490, 0.3429



Tritanopia

28.2853, 0.3167, 0.3120

Trichromacy



Original Color

28.2336, 0.3355, 0.3515

Protanomaly

28.1375, 0.3344, 0.3515

Deuteranomaly

28.1620, 0.3441, 0.3447

Tritanomaly

28.2296, 0.3236, 0.3259

Monochromacy



Original Color

28.2336, 0.3355, 0.3515

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.4401, 0.3208, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2336, 0.3355, 0.3515 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, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(152, 144, 130)  
}
```

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, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 144, 130) }
```

Border

The CSS property to change the border of an element to Yxy 28.2336, 0.3355, 0.3515 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, 144, 130) }
```

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

```
.border{ border-color:rgb(152, 144, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(152, 144,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2336, 0.3355, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 144, 130) }
```

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

```
.background{ background-color: rgb(152,  
144, 130) }
```

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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