

Converting Colors

$Y_{xy}(28.0379, 0.3343, 0.3480)$

Have a look what the booklet for
Yxy(28.0379, 0.3343, 0.3480)
contains.

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Color

Yxy(27.9590, 0.3347, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	988F83
RGB	152, 143, 131
RGB Percent	60%, 56%, 51%
CMY	0.4039, 0.4392, 0.4863
CMYK	0.00, 0.06, 0.14, 0.40
HSL	34°, 9%, 55%
HSV	34°, 14%, 60%
XYZ	26.8673, 27.9590, 25.4465
YIQ	144.3230, 9.2160, -1.8240

Conversions

Conversions Part 2

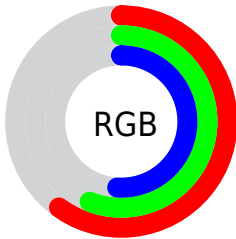
Format	Color
R_{YB}	147, 152, 131
Decimal	9998211
CIE Lab	59.85, 1.20, 7.59
CIE LCh	60, 7.680, 81.028
Yxy	27.9590, 0.3347, 0.3483
Android (android.graphics.Color)	4288188291 (0xFF988F83)
YUV	144.3230, -6.5682, 6.7327
Hunter-Lab	52.8763, -1.8347, 8.4803

Details

The Yxy color $27.9590, 0.3347, 0.3483$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.8411, 0.2917, 0.3089$, and the grayscale version is $28.0514, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5150, 0.3297, 0.3446$, and $11.2046, 0.3421, 0.3547$ is the 20% darker color. If you saturate the color by 10%, you get $25.6806, 0.3529, 0.3630$, and if you desaturate by 10%, it is $30.4136, 0.3184, 0.3342$.

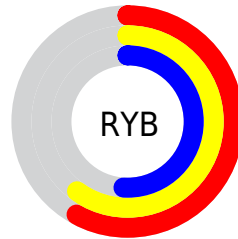
Distribution



Red (60%)

Green (56%)

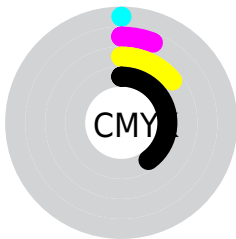
Blue (51%)



Red (58%)

Yellow (60%)

Blue (51%)

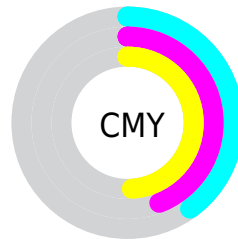


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (40%)



Cyan (40%)


Magenta (44%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9590, 0.3347, 0.3483 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 27.9590, 0.3347, 0.3483 by changing the saturation by 10% instead.


 27.9590, 0.3347,
0.3483


 27.9590, 0.3347,
0.3483


292.2710, 0.3228,
0.3379


 18.2948, 0.3380,
0.3512


 56.4190, 0.3301,
0.3443

 11.1618, 0.3426,
0.3551


 75.9835, 0.3285,
0.3429

 6.1758, 0.3491,
0.3607

 99.6169, 0.3271,
0.3417

 2.9523, 0.3592,
0.3693

127.7036, 0.3259,
0.3407

 1.1069, 0.3811,
0.3883

160.6279, 0.3250,
0.3398

 0.0000, 1.0000,
0.0000

198.7743, 0.3241,

 0.0000, 0.0000,

0.3391

0.0000

242.5272, 0.3234,
0.3384

■ 27.9590, 0.3347,
0.3483

■ 27.9590, 0.3347,
0.3483

■ 25.6806, 0.3529,
0.3630

■ 30.4136, 0.3184,
0.3342

■ 23.5703, 0.3730,
0.3780

■ 33.0451, 0.3040,
0.3209

■ 21.6245, 0.3949,
0.3926

■ 35.8588, 0.2913,
0.3085

■ 19.8381, 0.4181,
0.4062

■ 38.8588, 0.2801,
0.2971

■ 18.2057, 0.4421,
0.4177

■ 42.0488, 0.2702,
0.2866

■ 16.7215, 0.4656,
0.4260

■ 45.4325, 0.2614,
0.2769

■ 15.3790, 0.4876,
0.4300

■ 49.0137, 0.2537,
0.2681

■ 14.1707, 0.5067,
0.4290

■ 52.7956, 0.2469,
0.2600

■ 13.4824, 0.5179,
0.4270

■ 55.9308, 0.2470,
0.2656

Harmonies

Analogous

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



27.9590, 0.3379, 0.3402



27.9590, 0.3347, 0.3483



27.9590, 0.3256, 0.3514

Triad

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



27.9590, 0.3347, 0.3483



27.9590, 0.2917, 0.3280



27.9590, 0.3119, 0.3108

Complementary

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



27.9590, 0.3347, 0.3483



25.8411, 0.2917, 0.3089

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.



27.9590, 0.2997, 0.3074



27.9590, 0.3347, 0.3483



27.9590, 0.2882, 0.3171

Square

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



27.9590, 0.3347, 0.3483



27.9590, 0.3008, 0.3396



27.9590, 0.2911, 0.3096



27.9590, 0.3245, 0.3188

Rectangle

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



27.9590, 0.3347, 0.3483



27.9590, 0.3175, 0.3499



27.9590, 0.2911, 0.3096



27.9590, 0.3076, 0.3091

Sweetspot

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



27.9602, 0.3347, 0.3483



53.5698, 0.3188, 0.3345



24.7995, 0.3271, 0.3144



12.1038, 0.3199, 0.3355



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.



27.9602, 0.3347, 0.3483



47.9075, 0.3408, 0.3534



30.6367, 0.3313, 0.3623



6.7797, 0.3270, 0.3417



11.3666, 0.5170, 0.4277



0.2420, 0.4667, 0.4677

Inverse Universe

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



25.8411, 0.2917, 0.3089



43.3312, 0.2861, 0.3033



23.4313, 0.2927, 0.2937



6.4394, 0.2989, 0.3159



5.1359, 0.1718, 0.1385



0.1469, 0.1941, 0.2189

Previews

White Background



This preview shows how the Yxy color 27.9590, 0.3347, 0.3483 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 27.9590, 0.3347, 0.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

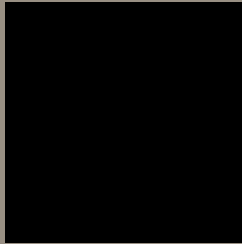
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

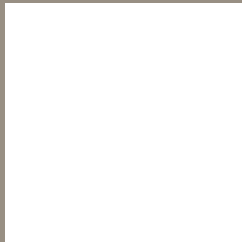
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.9590, 0.3347, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 27.9590, 0.3347, 0.3483.



This preview shows how white text looks on a background with the Yxy color 27.9590, 0.3347, 0.3483.

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

27.9590, 0.3347, 0.3483

Protanopia

28.0692, 0.3323, 0.3500

Deuteranopia

27.9177, 0.3470, 0.3399



Tritanopia

27.9591, 0.3178, 0.3120

Trichromacy



Original Color

27.9590, 0.3347, 0.3483

Protanomaly

28.1645, 0.3334, 0.3499

Deuteranomaly

27.7930, 0.3422, 0.3416

Tritanomaly

27.9334, 0.3238, 0.3243

Monochromacy



Original Color

27.9590, 0.3347, 0.3483

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.0136, 0.3209, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9590, 0.3347, 0.3483 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, 143, 131)` looks like.

```
.text, #text, p{  
    color:rgb(152, 143, 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(152, 143, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 143, 131) }
```

Border

The CSS property to change the border of an element to Yxy 27.9590, 0.3347, 0.3483 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, 143, 131) }
```

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

```
.border{ border-color:rgb(152, 143, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 143, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 143, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 143, 131);  
box-shadow:4px 4px 4px 4px rgb(152, 143,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9590, 0.3347, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 143, 131) }
```

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

```
.background{ background-color: rgb(152,  
143, 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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