

Converting Colors

$Y_{xy}(29.3602, 0.3537, 0.3532)$

Have a look what the booklet for
Yxy(29.3602, 0.3537, 0.3532)
contains.

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Color

Yxy(29.2842, 0.3546, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	A68F7F
RGB	166, 143, 127
RGB Percent	65%, 56%, 50%
CMY	0.3491, 0.4392, 0.5020
CMYK	0.00, 0.14, 0.23, 0.35
HSL	25°, 18%, 57%
HSV	25°, 23%, 65%
XYZ	29.3753, 29.2842, 24.1812
YIQ	148.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

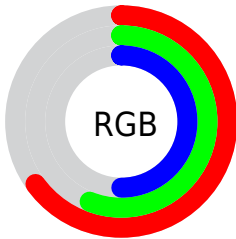
Format	Color
R _Y B	166, 154, 127
Decimal	10915711
CIE Lab	61.03, 6.02, 11.70
CIE LCh	61, 13.155, 62.766
Yxy	29.2842, 0.3546, 0.3535
Android (android.graphics.Color)	4289105791 (0xFFA68F7F)
YUV	148.0530, -10.3791, 15.7395
Hunter-Lab	54.1149, 2.1946, 11.3867

Details

The Yxy color $29.2842, 0.3546, 0.3535$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.0645, 0.2767, 0.3032$, and the grayscale version is $29.6755, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.5999, 0.3453, 0.3487$, and $11.9562, 0.3699, 0.3617$ is the 20% darker color. If you saturate the color by 10%, you get $26.0784, 0.3771, 0.3646$, and if you desaturate by 10%, it is $32.8199, 0.3350, 0.3427$.

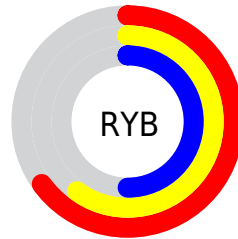
Distribution



Red (65%)

Green (56%)

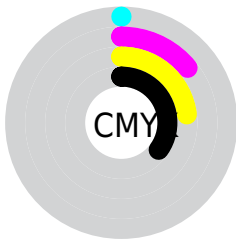
Blue (50%)



Red (65%)

Yellow (60%)

Blue (50%)

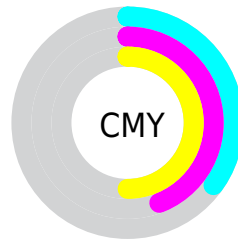


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (35%)



Cyan (35%)


Magenta (44%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2842, 0.3546, 0.3535 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 29.2842, 0.3546, 0.3535 by changing the saturation by 10% instead.


 29.2842, 0.3546,
0.3535


 29.2842, 0.3546,
0.3535


298.5535, 0.3319,
0.3406

 19.2959, 0.3609,
0.3569


 58.5283, 0.3459,
0.3487

 11.8843, 0.3694,
0.3614


 78.5530, 0.3428,
0.3469

 6.6649, 0.3815,
0.3676


 102.6918, 0.3402,
0.3454

 3.2535, 0.4000,
0.3766

131.3293, 0.3380,
0.3442

 1.2654, 0.4404,
0.3984

164.8498, 0.3362,
0.3431

 0.1142, 0.6911,
0.3089

203.6378, 0.3346,

 0.0000, 0.0000,

0.3421

0.0000

248.0776, 0.3332,
0.3413

■ 29.2842, 0.3546,
0.3535

■ 29.2842, 0.3546,
0.3535

■ 26.0784, 0.3771,
0.3646

■ 32.8199, 0.3350,
0.3427

■ 23.1886, 0.4027,
0.3754

■ 36.6910, 0.3180,
0.3324

■ 20.6054, 0.4310,
0.3853

■ 40.9080, 0.3035,
0.3228

■ 18.3178, 0.4615,
0.3933

■ 45.4795, 0.2909,
0.3140

■ 16.3136, 0.4928,
0.3982

■ 50.4140, 0.2801,
0.3058

■ 14.5797, 0.5229,
0.3987

■ 55.7196, 0.2708,
0.2984

■ 13.1017, 0.5495,
0.3941

■ 61.4041, 0.2627,
0.2916

■ 12.2625, 0.5652,
0.3894

■ 67.1634, 0.2581,
0.2904

■ 72.4857, 0.2596,
0.3018

Harmonies

Analogous

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



29.2842, 0.3529, 0.3365



29.2842, 0.3546, 0.3535



29.2842, 0.3447, 0.3647

Triad

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



29.2842, 0.3546, 0.3535



29.2842, 0.2858, 0.3394



29.2842, 0.2982, 0.2944

Complementary

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



29.2842, 0.3546, 0.3535



29.0645, 0.2767, 0.3032

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.



29.2842, 0.2811, 0.2940



29.2842, 0.3546, 0.3535



29.2842, 0.2741, 0.3193

Square

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



29.2842, 0.3546, 0.3535



29.2842, 0.3047, 0.3570



29.2842, 0.2724, 0.3028



29.2842, 0.3197, 0.3032

Rectangle

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



29.2842, 0.3546, 0.3535



29.2842, 0.3331, 0.3671



29.2842, 0.2724, 0.3028



29.2842, 0.2917, 0.2932

Sweetspot

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



29.2855, 0.3546, 0.3535



63.9776, 0.3239, 0.3361



25.4968, 0.3325, 0.2939



14.2278, 0.3249, 0.3367



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



29.2855, 0.3546, 0.3535



50.1618, 0.3656, 0.3591



35.5055, 0.3485, 0.3809



8.0296, 0.3276, 0.3383



9.5994, 0.5637, 0.3906



0.3349, 0.5056, 0.4368

Inverse Universe

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



29.0645, 0.2767, 0.3032



49.6884, 0.2689, 0.2968



23.4684, 0.2742, 0.2712



8.0074, 0.2987, 0.3195



8.9727, 0.1864, 0.1910



0.3153, 0.2005, 0.2417

Previews

White Background



This preview shows how the Yxy color 29.2842, 0.3546, 0.3535 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 29.2842, 0.3546, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

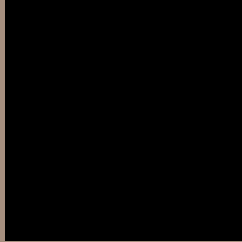
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2842, 0.3546, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 29.2842, 0.3546, 0.3535.



This preview shows how white text looks on a background with the Yxy color 29.2842, 0.3546, 0.3535.

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

29.2842, 0.3546, 0.3535

Protanopia

29.3224, 0.3380, 0.3575

Deuteranopia

29.3133, 0.3584, 0.3517



Tritanopia

29.3932, 0.3341, 0.3143

Trichromacy



Original Color

29.2842, 0.3546, 0.3535

Protanomaly

29.3854, 0.3437, 0.3572

Deuteranomaly

29.2031, 0.3572, 0.3518

Tritanomaly

29.3276, 0.3413, 0.3276

Monochromacy



Original Color

29.2842, 0.3546, 0.3535

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.4198, 0.3282, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2842, 0.3546, 0.3535 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(166, 143, 127)` looks like.

```
.text, #text, p{  
    color:rgb(166, 143, 127)  
}
```

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(166, 143, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 143, 127) }
```

Border

The CSS property to change the border of an element to Yxy 29.2842, 0.3546, 0.3535 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(166, 143, 127) }
```

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

```
.border{ border-color:rgb(166, 143, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 143, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 143, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 143, 127);  
box-shadow:4px 4px 4px 4px rgb(166, 143,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2842, 0.3546, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 143, 127) }
```

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

```
.background{ background-color: rgb(166,  
143, 127) }
```

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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