

Converting Colors

$Y_{xy}(29.6054, 0.3542, 0.3469)$

Have a look what the booklet for
Yxy(29.6054, 0.3542, 0.3469)
contains.

Yxy(29.7186, 0.3537, 0.3471)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.7186, 0.3537, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	A98F83
RGB	169, 143, 131
RGB Percent	66%, 56%, 51%
CMY	0.3372, 0.4392, 0.4862
CMYK	0.00, 0.15, 0.22, 0.34
HSL	19°, 18%, 59%
HSV	19°, 22%, 66%
XYZ	30.2837, 29.7186, 25.6174
YIQ	149.4060, 19.3480, 1.7800

Conversions

Conversions Part 2

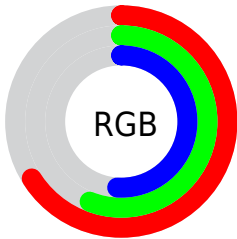
Format	Color
R_{YB}	169, 149, 131
Decimal	11112323
CIE _{Lab}	61.41, 7.84, 10.00
CIE _{LCh}	61, 12.703, 51.915
Yxy	29.7186, 0.3537, 0.3471
Android (android.graphics.Color)	4289302403 (0xFFA98F83)
YUV	149.4060, -9.0742, 17.1839
Hunter-Lab	54.5148, 3.7583, 10.2990

Details

The Yxy color $29.7186, 0.3537, 0.3471$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.8139, 0.2787, 0.3102$, and the grayscale version is $30.2691, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.4007, 0.3454, 0.3439$, and $12.1509, 0.3669, 0.3527$ is the 20% darker color. If you saturate the color by 10%, you get $26.0018, 0.3773, 0.3557$, and if you desaturate by 10%, it is $33.8712, 0.3336, 0.3388$.

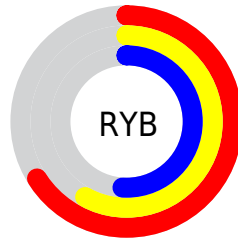
Distribution



Red (66%)

Green (56%)

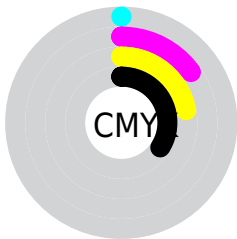
Blue (51%)



Red (66%)

Yellow (58%)

Blue (51%)

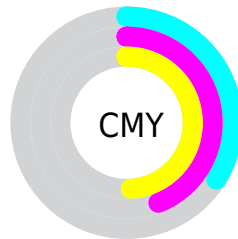


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (34%)



Cyan (34%)

Magenta (44%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7186, 0.3537, 0.3471 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 29.7186, 0.3537, 0.3471 by changing the saturation by 10% instead.


 29.7186, 0.3537,
0.3471

 29.7186, 0.3537,
0.3471


300.5906, 0.3315,
0.3377

 19.6251, 0.3599,
0.3496


 59.2169, 0.3452,
0.3436

 12.1228, 0.3682,
0.3528


 79.3904, 0.3422,
0.3423

 6.8274, 0.3800,
0.3571


 103.6928, 0.3396,
0.3412

 3.3544, 0.3981,
0.3633

132.5084, 0.3375,
0.3403

 1.3194, 0.4324,
0.3752

166.2215, 0.3357,
0.3395

 0.1562, 0.6851,
0.3149

205.2167, 0.3341,

 0.0000, 0.0000,

0.3388

0.0000

249.8782, 0.3327,
0.3382

■ 29.7186, 0.3537,
0.3471

■ 29.7186, 0.3537,
0.3471

■ 26.0018, 0.3773,
0.3557

■ 33.8712, 0.3336,
0.3388

■ 22.7023, 0.4047,
0.3641

■ 38.4692, 0.3165,
0.3309

■ 19.8062, 0.4358,
0.3718

■ 43.5271, 0.3021,
0.3235

■ 17.2973, 0.4701,
0.3778

■ 49.0574, 0.2899,
0.3168

■ 15.1580, 0.5059,
0.3810

■ 55.0722, 0.2795,
0.3107

■ 13.3695, 0.5407,
0.3802

■ 61.5830, 0.2706,
0.3050

■ 11.9108, 0.5713,
0.3748

■ 68.6012, 0.2631,
0.2999

■ 11.0108, 0.5912,
0.3688

■ 75.3934, 0.2619,
0.3072

■ 82.2566, 0.2636,
0.3202

Harmonies

Analogous

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



29.7186, 0.3479, 0.3299



29.7186, 0.3537, 0.3471



29.7186, 0.3481, 0.3604

Triad

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



29.7186, 0.3537, 0.3471



29.7186, 0.2928, 0.3457



29.7186, 0.2921, 0.2945

Complementary

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



29.7186, 0.3537, 0.3471



31.8139, 0.2787, 0.3102

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.



29.7186, 0.2782, 0.2975



29.7186, 0.3537, 0.3471



29.7186, 0.2786, 0.3266

Square

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



29.7186, 0.3537, 0.3471



29.7186, 0.3126, 0.3603



29.7186, 0.2734, 0.3089



29.7186, 0.3118, 0.3002

Rectangle

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



29.7186, 0.3537, 0.3471



29.7186, 0.3387, 0.3649



29.7186, 0.2734, 0.3089



29.7186, 0.2866, 0.2945

Sweetspot

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



29.7200, 0.3537, 0.3471



64.9623, 0.3241, 0.3345



27.1278, 0.3273, 0.2900



14.0591, 0.3250, 0.3349



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.



29.7200, 0.3537, 0.3471



49.7943, 0.3650, 0.3514



35.7090, 0.3481, 0.3735



7.9141, 0.3278, 0.3362



8.2919, 0.5893, 0.3703



0.2926, 0.5264, 0.4203

Inverse Universe

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



31.8139, 0.2787, 0.3102



54.2108, 0.2712, 0.3054



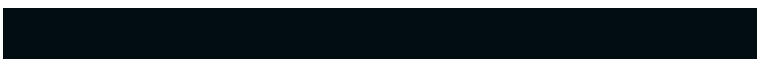
26.0448, 0.2765, 0.2802



8.1269, 0.2987, 0.3217



11.4905, 0.1957, 0.2246



0.3651, 0.2064, 0.2631

Previews

White Background



This preview shows how the Yxy color 29.7186, 0.3537, 0.3471 looks on a white background.

Color Contrast Check

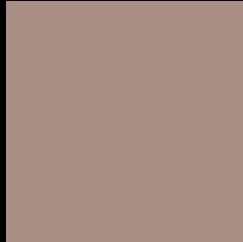
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7186, 0.3537, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

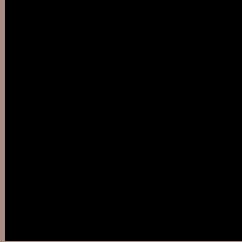
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7186, 0.3537, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 29.7186, 0.3537, 0.3471.



This preview shows how white text looks on a background with the Yxy color 29.7186, 0.3537, 0.3471.

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

29.7186, 0.3537, 0.3471

Protanopia

29.8696, 0.3338, 0.3510

Deuteranopia

29.7186, 0.3537, 0.3471



Tritanopia

29.6485, 0.3352, 0.3130

Trichromacy



Original Color

29.7186, 0.3537, 0.3471

Protanomaly

29.7248, 0.3408, 0.3492

Deuteranomaly

29.7186, 0.3537, 0.3471

Tritanomaly

29.6094, 0.3414, 0.3246

Monochromacy



Original Color

29.7186, 0.3537, 0.3471

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.8884, 0.3271, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7186, 0.3537, 0.3471 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(169, 143, 131)` looks like.

```
.text, #text, p{  
    color:rgb(169, 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(169, 143, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 143, 131) }
```

Border

The CSS property to change the border of an element to Yxy 29.7186, 0.3537, 0.3471 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(169, 143, 131) }
```

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

```
.border{ border-color:rgb(169, 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(169, 143, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 143, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 143, 131);  
box-shadow:4px 4px 4px 4px rgb(169, 143,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7186, 0.3537, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 143, 131) }
```

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

```
.background{ background-color: rgb(169,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor