

Converting Colors

$Y_{xy}(30.1358, 0.3525, 0.3670)$

Have a look what the booklet for
Yxy(30.1358, 0.3525, 0.3670)
contains.

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Color

Yxy(30.2913, 0.3527, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	A2947B
RGB	162, 148, 123
RGB Percent	64%, 58%, 48%
CMY	0.3647, 0.4196, 0.5177
CMYK	0.00, 0.09, 0.24, 0.36
HSL	38°, 17%, 56%
HSV	38°, 24%, 64%
XYZ	29.0635, 30.2913, 23.0481
YIQ	149.3360, 16.3690, -4.8070

Conversions

Conversions Part 2

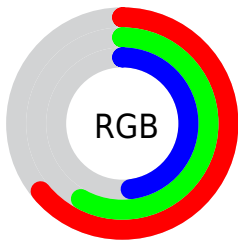
Format	Color
RYB	145, 162, 123
Decimal	10654843
CIELab	61.90, 1.06, 15.12
CIELCh	62, 15.161, 86.005
Yxy	30.2913, 0.3527, 0.3676
Android (android.graphics.Color)	4288844923 (0xFFA2947B)
YUV	149.3360, -12.9836, 11.1063
Hunter-Lab	55.0375, -2.0557, 13.6974

Details

The Yxy color **30.2913, 0.3527, 0.3676** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.7008, 0.2746, 0.2871**, and the grayscale version is **30.2543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1274, 0.3440, 0.3593**, and **12.3588, 0.3670, 0.3799** is the 20% darker color. If you saturate the color by 10%, you get **28.1433, 0.3720, 0.3843**, and if you desaturate by 10%, it is **32.6006, 0.3349, 0.3511**.

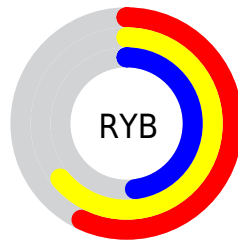
Distribution



Red (64%)

Green (58%)

Blue (48%)



Red (57%)

Yellow (64%)

Blue (48%)

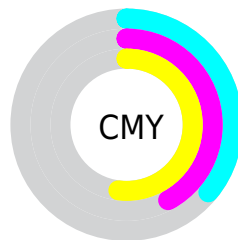


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2913, 0.3527, 0.3676 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 30.2913, 0.3527, 0.3676 by changing the saturation by 10% instead.

■ 30.2913, 0.3527,
0.3676

■ 30.2913, 0.3527,
0.3676

303.2599, 0.3313,
0.3470

■ 20.0598, 0.3585,
0.3732

■ 60.1225, 0.3446,
0.3598

■ 12.4385, 0.3663,
0.3806

■ 80.4911, 0.3416,
0.3570

■ 7.0431, 0.3772,
0.3908

■ 105.0074, 0.3392,
0.3546

■ 3.4890, 0.3934,
0.4060

134.0559, 0.3371,
0.3526

■ 1.3921, 0.4342,
0.4450

168.0211, 0.3353,
0.3509

■ 0.2109, 0.5175,
0.4825

207.2872, 0.3338,

■ 0.0000, 0.0000,

0.3495

0.0000

252.2387, 0.3325,
0.3482

■ 30.2913, 0.3527,
0.3676

■ 30.2913, 0.3527,
0.3676

■ 28.1433, 0.3720,
0.3843

■ 32.6006, 0.3349,
0.3511

■ 26.1480, 0.3926,
0.4006

■ 35.0714, 0.3188,
0.3352

■ 24.3016, 0.4140,
0.4156

■ 37.7093, 0.3043,
0.3202

■ 22.5989, 0.4355,
0.4284

■ 40.5183, 0.2914,
0.3062

■ 21.0341, 0.4561,
0.4379

■ 43.5022, 0.2799,
0.2932

■ 19.6006, 0.4747,
0.4430

■ 46.6646, 0.2697,
0.2813

■ 18.2910, 0.4905,
0.4431

■ 50.0090, 0.2607,
0.2703

■ 17.5645, 0.4991,
0.4419

■ 53.5389, 0.2526,
0.2603

■ 56.3381, 0.2524,
0.2649

Harmonies

Analogous

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



30.2913, 0.3613, 0.3527



30.2913, 0.3527, 0.3676



30.2913, 0.3334, 0.3724

Triad

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



30.2913, 0.3527, 0.3676



30.2913, 0.2709, 0.3228



30.2913, 0.3150, 0.2968

Complementary

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



30.2913, 0.3527, 0.3676



24.7008, 0.2746, 0.2871

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.



30.2913, 0.2911, 0.2888



30.2913, 0.3527, 0.3676



30.2913, 0.2664, 0.3026

Square

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



30.2913, 0.3527, 0.3676



30.2913, 0.2863, 0.3459



30.2913, 0.2736, 0.2906



30.2913, 0.3390, 0.3126

Rectangle

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



30.2913, 0.3527, 0.3676



30.2913, 0.3173, 0.3686



30.2913, 0.2736, 0.2906



30.2913, 0.3066, 0.2931

Sweetspot

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



30.2927, 0.3527, 0.3676



62.2744, 0.3236, 0.3400



23.6570, 0.3438, 0.3068



13.9302, 0.3244, 0.3409



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.2927, 0.3527, 0.3676



52.8290, 0.3631, 0.3767



34.4153, 0.3428, 0.3887



7.8080, 0.3270, 0.3434



13.9224, 0.4983, 0.4426



0.3770, 0.4635, 0.4702

Inverse Universe

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



24.7008, 0.2746, 0.2871



40.8562, 0.2654, 0.2761



21.3738, 0.2781, 0.2638



7.2562, 0.2987, 0.3142



4.5210, 0.1661, 0.1179



0.1821, 0.1865, 0.1915

Previews

White Background



This preview shows how the Yxy color 30.2913, 0.3527, 0.3676 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.2913, 0.3527, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

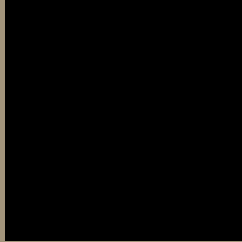
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2913, 0.3527, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 30.2913, 0.3527, 0.3676.



This preview shows how white text looks on a background with the Yxy color 30.2913, 0.3527, 0.3676.

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

30.2913, 0.3527, 0.3676

Protanopia

30.2192, 0.3469, 0.3681

Deuteranopia

30.2860, 0.3654, 0.3588



Tritanopia

30.4201, 0.3251, 0.3128

Trichromacy



Original Color

30.2913, 0.3527, 0.3676

Protanomaly

30.3211, 0.3480, 0.3679

Deuteranomaly

30.1411, 0.3605, 0.3607

Tritanomaly

30.2333, 0.3361, 0.3321

Monochromacy



Original Color

30.2913, 0.3527, 0.3676

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.2584, 0.3266, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2913, 0.3527, 0.3676 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(162, 148, 123)` looks like.

```
.text, #text, p{  
    color:rgb(162, 148, 123)  
}
```

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(162, 148, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 148, 123) }
```

Border

The CSS property to change the border of an element to Yxy 30.2913, 0.3527, 0.3676 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(162, 148, 123) }
```

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

```
.border{ border-color:rgb(162, 148, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 148, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 148, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 148, 123);  
box-shadow:4px 4px 4px 4px rgb(162, 148,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2913, 0.3527, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 148, 123) }
```

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

```
.background{ background-color: rgb(162,  
148, 123) }
```

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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