

Converting Colors

$Yxy(30.2663, 0.3537, 0.3691)$

Have a look what the booklet for
Yxy(30.2663, 0.3537, 0.3691)
contains.

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Color

Yxy(30.2663, 0.3537, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	A2947A
RGB	162, 148, 122
RGB Percent	64%, 58%, 48%
CMY	0.3647, 0.4196, 0.5215
CMYK	0.00, 0.09, 0.25, 0.36
HSL	39°, 18%, 56%
HSV	39°, 25%, 64%
XYZ	29.0035, 30.2663, 22.7305
YIQ	149.2220, 16.6900, -5.1180

Conversions

Conversions Part 2

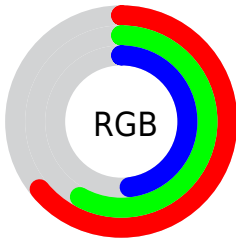
Format	Color
RYB	144, 162, 122
Decimal	10654842
CIELab	61.88, 0.92, 15.64
CIELCh	62, 15.664, 86.645
Yxy	30.2663, 0.3537, 0.3691
Android (android.graphics.Color)	4288844922 (0xFFA2947A)
YUV	149.2220, -13.4204, 11.2063
Hunter-Lab	55.0148, -2.1718, 14.0135

Details

The Yxy color **30.2663, 0.3537, 0.3691** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.3588, 0.2736, 0.2853**, and the grayscale version is **30.2065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0488, 0.3456, 0.3617**, and **12.3454, 0.3685, 0.3821** is the 20% darker color. If you saturate the color by 10%, you get **28.1633, 0.3730, 0.3860**, and if you desaturate by 10%, it is **32.5262, 0.3359, 0.3524**.

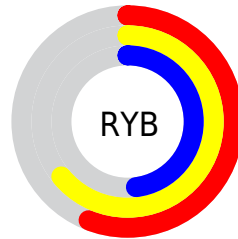
Distribution



Red (64%)

Green (58%)

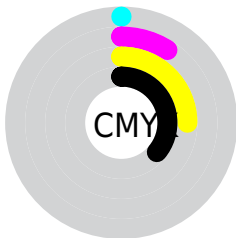
Blue (48%)



Red (56%)

Yellow (64%)

Blue (48%)

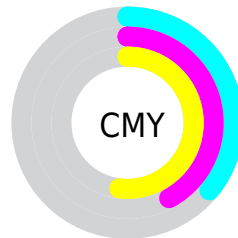


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (36%)



Cyan (36%)


Magenta (42%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2663, 0.3537, 0.3691 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 30.2663, 0.3537, 0.3691 by changing the saturation by 10% instead.


 30.2663, 0.3537,
0.3691


 30.2663, 0.3537,
0.3691


303.1438, 0.3318,
0.3477


 20.0408, 0.3597,
0.3749


 60.0831, 0.3454,
0.3610

 12.4247, 0.3676,
0.3826


 80.4431, 0.3424,
0.3581

 7.0336, 0.3787,
0.3932


 104.9501, 0.3398,
0.3556

 3.4831, 0.3952,
0.4089

133.9886, 0.3377,
0.3536

 1.3889, 0.4387,
0.4511

167.9427, 0.3359,
0.3518

 0.2085, 0.5140,
0.4860

207.1971, 0.3343,

 0.0000, 0.0000,

0.3502

0.0000

252.1359, 0.3330,
0.3489

■ 30.2663, 0.3537,
0.3691

■ 30.2663, 0.3537,
0.3691

■ 28.1633, 0.3730,
0.3860

■ 32.5262, 0.3359,
0.3524

■ 26.2084, 0.3935,
0.4024

■ 34.9431, 0.3197,
0.3363

■ 24.3983, 0.4147,
0.4175

■ 37.5225, 0.3052,
0.3210

■ 22.7276, 0.4358,
0.4303

■ 40.2682, 0.2921,
0.3067

■ 21.1907, 0.4559,
0.4397

■ 43.1841, 0.2805,
0.2935

■ 19.7810, 0.4741,
0.4447

■ 46.2736, 0.2702,
0.2813

■ 18.4909, 0.4893,
0.4447

■ 49.5403, 0.2611,
0.2702

■ 17.8444, 0.4968,
0.4437

■ 52.9875, 0.2530,
0.2600

■ 55.7652, 0.2522,
0.2634

Harmonies

Analogous

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



30.2663, 0.3629, 0.3538



30.2663, 0.3537, 0.3691



30.2663, 0.3335, 0.3739

Triad

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



30.2663, 0.3537, 0.3691



30.2663, 0.2694, 0.3220



30.2663, 0.3156, 0.2960

Complementary

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



30.2663, 0.3537, 0.3691



24.3588, 0.2736, 0.2853

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.



30.2663, 0.2908, 0.2876



30.2663, 0.3537, 0.3691



30.2663, 0.2649, 0.3014

Square

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



30.2663, 0.3537, 0.3691



30.2663, 0.2850, 0.3460



30.2663, 0.2726, 0.2892



30.2663, 0.3404, 0.3124

Rectangle

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



30.2663, 0.3537, 0.3691



30.2663, 0.3169, 0.3697



30.2663, 0.2726, 0.2892



30.2663, 0.3070, 0.2922

Sweetspot

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



30.2677, 0.3537, 0.3691



62.3351, 0.3235, 0.3401



23.4011, 0.3448, 0.3062



13.9449, 0.3244, 0.3410



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.



30.2677, 0.3537, 0.3691



52.6664, 0.3649, 0.3791



34.3804, 0.3436, 0.3902



7.8179, 0.3270, 0.3436



14.1414, 0.4960, 0.4444



0.3806, 0.4623, 0.4712

Inverse Universe

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



24.3588, 0.2736, 0.2853



39.9384, 0.2635, 0.2732



21.0703, 0.2771, 0.2620



7.2466, 0.2987, 0.3140



4.4120, 0.1654, 0.1156



0.1788, 0.1859, 0.1891

Previews

White Background



This preview shows how the Yxy color 30.2663, 0.3537, 0.3691 looks on a white background.

Color Contrast Check

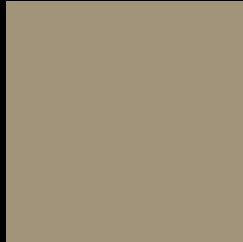
Large Text (above 18pt) WCAG AA × Fail

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 30.2663, 0.3537, 0.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

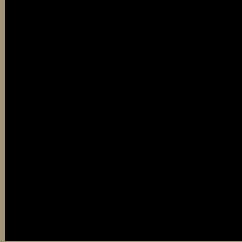
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2663, 0.3537, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 30.2663, 0.3537, 0.3691.



This preview shows how white text looks on a background with the Yxy color 30.2663, 0.3537, 0.3691.

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

30.2663, 0.3537, 0.3691

Protanopia

30.1941, 0.3480, 0.3696

Deuteranopia

30.2608, 0.3665, 0.3602



Tritanopia

30.1185, 0.3252, 0.3113

Trichromacy



Original Color

30.2663, 0.3537, 0.3691

Protanomaly

30.2959, 0.3491, 0.3695

Deuteranomaly

30.1159, 0.3616, 0.3622

Tritanomaly

30.2333, 0.3361, 0.3321

Monochromacy



Original Color

30.2663, 0.3537, 0.3691

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.2290, 0.3276, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2663, 0.3537, 0.3691 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(162, 148, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 148, 122) }
```

Border

The CSS property to change the border of an element to Yxy 30.2663, 0.3537, 0.3691 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, 122) }
```

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

```
.border{ border-color:rgb(162, 148, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 148, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 148, 122);  
box-shadow:4px 4px 4px 4px rgb(162, 148,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2663, 0.3537, 0.3691 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, 122) }
```

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

```
.background{ background-color: rgb(162,  
148, 122) }
```

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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