

Converting Colors

$Yxy(33.2972, 0.3463, 0.3697)$

Have a look what the booklet for
Yxy(33.2972, 0.3463, 0.3697)
contains.

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Color

Yxy(33.2544, 0.3464, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	A49C81
RGB	164, 156, 129
RGB Percent	64%, 61%, 51%
CMY	0.3569, 0.3882, 0.4942
CMYK	0.00, 0.05, 0.21, 0.36
HSL	46°, 16%, 57%
HSV	46°, 21%, 64%
XYZ	31.1586, 33.2544, 25.5367
YIQ	155.3140, 13.4350, -6.7010

Conversions

Conversions Part 2

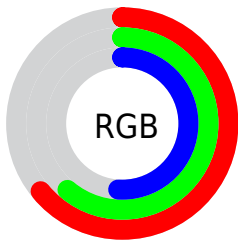
Format	Color
RYB	139, 164, 129
Decimal	10787969
CIELab	64.37, -1.65, 15.22
CIElCh	64, 15.313, 96.175
Yxy	33.2544, 0.3464, 0.3697
Android (android.graphics.Color)	4288978049 (0xFFA49C81)
YUV	155.3140, -12.9728, 7.6176
Hunter-Lab	57.6666, -4.4690, 14.1110

Details

The Yxy color **33.2544, 0.3464, 0.3697** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.2264, 0.2787, 0.2847**, and the grayscale version is **32.9785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5307, 0.3396, 0.3610**, and **14.1271, 0.3569, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **31.6181, 0.3638, 0.3894**, and if you desaturate by 10%, it is **35.0023, 0.3300, 0.3502**.

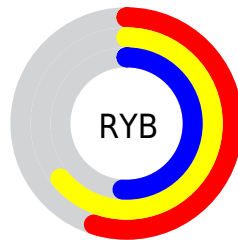
Distribution



Red (64%)

Green (61%)

Blue (51%)



Red (55%)

Yellow (64%)

Blue (51%)

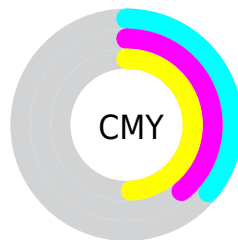


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2544, 0.3464, 0.3697 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 33.2544, 0.3464, 0.3697 by changing the saturation by 10% instead.


 33.2544, 0.3464,
0.3697


 33.2544, 0.3464,
0.3697


316.7945, 0.3287,
0.3482

 22.3214, 0.3511,
0.3755


 64.7725, 0.3398,
0.3616

 14.0933, 0.3573,
0.3831


 86.1264, 0.3373,
0.3586

 8.1856, 0.3658,
0.3937


 111.7227, 0.3353,
0.3562

 4.2139, 0.3781,
0.4093

141.9459, 0.3336,
0.3541

 1.7939, 0.4001,
0.4372

177.1802, 0.3321,
0.3523

 0.4834, 0.4645,
0.5355

217.8102, 0.3308,

 0.0000, 0.0000,

0.3507

0.0000

264.2202, 0.3297,
0.3494

■ 33.2544, 0.3464,
0.3697

■ 33.2544, 0.3464,
0.3697

■ 31.6181, 0.3638,
0.3894

■ 35.0023, 0.3300,
0.3502

■ 30.0853, 0.3817,
0.4086

■ 36.8609, 0.3147,
0.3315

■ 28.6535, 0.3997,
0.4267

■ 38.8348, 0.3007,
0.3137

■ 27.3185, 0.4170,
0.4425

■ 40.9272, 0.2879,
0.2970

■ 26.0754, 0.4330,
0.4551

■ 43.1409, 0.2764,
0.2816

■ 24.9190, 0.4468,
0.4636

■ 45.4789, 0.2660,
0.2674

■ 23.8429, 0.4580,
0.4676

■ 47.9439, 0.2567,
0.2544

■ 22.9652, 0.4659,
0.4683

■ 50.2007, 0.2511,
0.2476

■ 51.7967, 0.2517,
0.2522

Harmonies

Analogous

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



33.2544, 0.3588, 0.3580



33.2544, 0.3464, 0.3697



33.2544, 0.3251, 0.3703

Triad

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



33.2544, 0.3464, 0.3697



33.2544, 0.2690, 0.3156



33.2544, 0.3232, 0.3020

Complementary

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



33.2544, 0.3464, 0.3697



25.2264, 0.2787, 0.2847

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.



33.2544, 0.2990, 0.2912



33.2544, 0.3464, 0.3697



33.2544, 0.2685, 0.2981

Square

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



33.2544, 0.3464, 0.3697



33.2544, 0.2807, 0.3380



33.2544, 0.2792, 0.2896



33.2544, 0.3453, 0.3193

Rectangle

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



33.2544, 0.3464, 0.3697



33.2544, 0.3090, 0.3637



33.2544, 0.2792, 0.2896



33.2544, 0.3151, 0.2975

Sweetspot

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



33.2559, 0.3464, 0.3697



65.2819, 0.3218, 0.3403



25.3967, 0.3450, 0.3165



14.2272, 0.3227, 0.3414



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.



33.2559, 0.3464, 0.3697



58.8181, 0.3552, 0.3798



35.0681, 0.3348, 0.3826



7.9620, 0.3267, 0.3463



17.6838, 0.4653, 0.4687



0.4353, 0.4458, 0.4842

Inverse Universe

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



25.2264, 0.2787, 0.2847



41.3913, 0.2696, 0.2724



23.8046, 0.2874, 0.2727



7.1099, 0.2987, 0.3111



3.1513, 0.1576, 0.0874



0.1316, 0.1755, 0.1518

Previews

White Background



This preview shows how the Yxy color 33.2544, 0.3464, 0.3697 looks on a white background.

Color Contrast Check

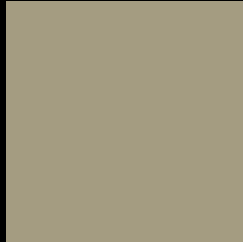
Large Text (above 18pt) WCAG AA × Fail

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 33.2544, 0.3464, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

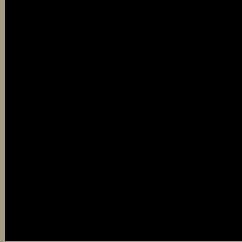
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

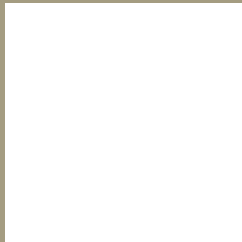
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.2544, 0.3464, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 33.2544, 0.3464, 0.3697.



This preview shows how white text looks on a background with the Yxy color 33.2544, 0.3464, 0.3697.

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

33.2544, 0.3464, 0.3697

Protanopia

33.3612, 0.3474, 0.3695

Deuteranopia

33.1277, 0.3645, 0.3577



Tritanopia

33.1024, 0.3186, 0.3117

Trichromacy



Original Color

33.2544, 0.3464, 0.3697

Protanomaly

33.3612, 0.3474, 0.3695

Deuteranomaly

33.0668, 0.3573, 0.3612

Tritanomaly

33.2323, 0.3288, 0.3320

Monochromacy



Original Color

33.2544, 0.3464, 0.3697

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.7871, 0.3241, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2544, 0.3464, 0.3697 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(164, 156, 129)` looks like.

```
.text, #text, p{  
    color:rgb(164, 156, 129)  
}
```

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(164, 156, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 156, 129) }
```

Border

The CSS property to change the border of an element to Yxy 33.2544, 0.3464, 0.3697 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(164, 156, 129) }
```

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

```
.border{ border-color:rgb(164, 156, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 156, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 156, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 156, 129);  
box-shadow:4px 4px 4px 4px rgb(164, 156,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2544, 0.3464, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 156, 129) }
```

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

```
.background{ background-color: rgb(164,  
156, 129) }
```

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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