

Converting Colors

$Yxy(32.7302, 0.3291, 0.4452)$

Have a look what the booklet for
Yxy(32.7302, 0.3291, 0.4452)
contains.

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Color

Yxy(32.7302, 0.3291, 0.4452)

Conversions

Conversions Part 1

Format	Color
Hex	7BA762
RGB	123, 167, 98
RGB Percent	48%, 65%, 38%
CMY	0.5175, 0.3451, 0.6158
CMYK	0.26, 0.00, 0.41, 0.35
HSL	98°, 28%, 52%
HSV	98°, 41%, 65%
XYZ	24.1948, 32.7302, 16.5930
YIQ	145.9780, -4.0750, -30.7870

Conversions

Conversions Part 2

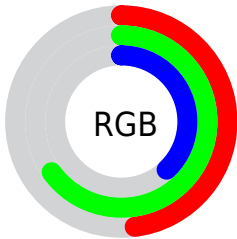
Format	Color
RYB	98, 167, 142
Decimal	8103778
CIELab	63.94, -27.69, 31.00
CIELCh	64, 41.571, 131.774
Yxy	32.7302, 0.3291, 0.4452
Android (android.graphics.Color)	4286293858 (0xFF7BA762)
YUV	145.9780, -23.6532, -20.1517
Hunter-Lab	57.2103, -24.6288, 22.8510

Details

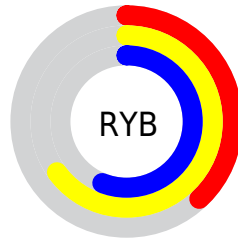
The Yxy color **32.7302, 0.3291, 0.4452** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.2680, 0.2866, 0.2201**, and the grayscale version is **28.8379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7917, 0.3272, 0.4194**, and **13.8695, 0.3297, 0.4875** is the 20% darker color. If you saturate the color by 10%, you get **31.7058, 0.3313, 0.4764**, and if you desaturate by 10%, it is **33.9085, 0.3259, 0.4143**.

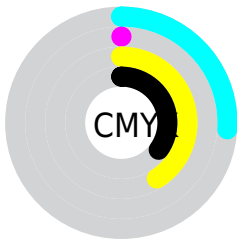
Distribution



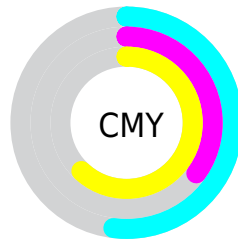
- Red (48%)
- Green (65%)
- Blue (38%)



- Red (38%)
- Yellow (65%)
- Blue (56%)



- Cyan (26%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)



- Cyan (52%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7302, 0.3291, 0.4452 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 32.7302, 0.3291, 0.4452 by changing the saturation by 10% instead.


 32.7302, 0.3291,
0.4452


 32.7302, 0.3291,
0.4452


314.4322, 0.3225,
0.3809

 21.9198, 0.3298,
0.4633


 63.9541, 0.3273,
0.4203

 13.7980, 0.3300,
0.4878


 85.1364, 0.3264,
0.4114

 7.9803, 0.3285,
0.5224


 110.5448, 0.3256,
0.4041

 4.0824, 0.3232,
0.5755

 140.5637, 0.3249,
0.3980

 1.7197, 0.3150,
0.6850

175.5775, 0.3242,
0.3927

 0.4364, 0.0000,
1.0000

215.9706, 0.3236,

 0.0000, 0.0000,

0.3883

0.0000

262.1274, 0.3230,
0.3844

■ 32.7302, 0.3291,
0.4452

■ 32.7302, 0.3291,
0.4452

■ 31.7058, 0.3313,
0.4764

■ 33.9085, 0.3259,
0.4143

■ 30.8242, 0.3321,
0.5065

■ 35.2429, 0.3220,
0.3848

■ 30.0793, 0.3314,
0.5337


■ 36.7407, 0.3178,
0.3573


■ 29.4631, 0.3289,
0.5563

■ 38.4075, 0.3133,
0.3321


■ 28.9660, 0.3248,
0.5731


■ 40.2487, 0.3089,
0.3095

 28.6166, 0.3206,
0.5836

 42.2694, 0.3045,
0.2893

 44.4745, 0.3003,
0.2714

 46.8686, 0.2964,
0.2555

 49.4563, 0.2927,
0.2415

Harmonies

Analogous

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



32.7302, 0.3897, 0.4419



32.7302, 0.3291, 0.4452



32.7302, 0.2673, 0.4051

Triad

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



32.7302, 0.3291, 0.4452



32.7302, 0.2033, 0.2401



32.7302, 0.4115, 0.3097

Complementary

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



32.7302, 0.3291, 0.4452



17.2680, 0.2866, 0.2201

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.



32.7302, 0.3516, 0.2672



32.7302, 0.3291, 0.4452



32.7302, 0.2330, 0.2279

Square

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



32.7302, 0.3291, 0.4452



32.7302, 0.1989, 0.2776



32.7302, 0.2854, 0.2381



32.7302, 0.4417, 0.3589

Rectangle

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



32.7302, 0.3291, 0.4452



32.7302, 0.2337, 0.3615



32.7302, 0.2854, 0.2381



32.7302, 0.3938, 0.2945

Sweetspot

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



32.7316, 0.3291, 0.4452



65.5515, 0.3181, 0.3596



28.3513, 0.3874, 0.3955



14.5920, 0.3187, 0.3629



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.



32.7316, 0.3291, 0.4452



56.8571, 0.3312, 0.4751



31.2977, 0.3002, 0.4366



8.5353, 0.3169, 0.3520



21.9241, 0.3213, 0.5831



0.5623, 0.3491, 0.5610

Inverse Universe

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



17.2680, 0.2866, 0.2201



25.1964, 0.2784, 0.1942



19.4090, 0.3288, 0.2412



7.5284, 0.3082, 0.3064



4.5258, 0.2329, 0.1057



0.1375, 0.2629, 0.1222

Previews

White Background



This preview shows how the Yxy color 32.7302, 0.3291, 0.4452 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 32.7302, 0.3291, 0.4452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

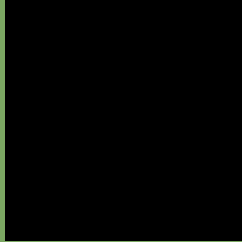
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7302, 0.3291, 0.4452

Background



This preview shows how black text looks on a background with the Yxy color 32.7302, 0.3291, 0.4452.



This preview shows how white text looks on a background with the Yxy color 32.7302, 0.3291, 0.4452.

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

32.7302, 0.3291, 0.4452

Protanopia

32.3365, 0.3870, 0.4186

Deuteranopia

32.4534, 0.3997, 0.3932



Tritanopia

32.4623, 0.2798, 0.3088

Trichromacy



Original Color

32.7302, 0.3291, 0.4452

Protanomaly

32.2979, 0.3639, 0.4288

Deuteranomaly

32.0637, 0.3714, 0.4110

Tritanomaly

32.2492, 0.2984, 0.3567

Monochromacy



Original Color

32.7302, 0.3291, 0.4452

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

30.0995, 0.3198, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7302, 0.3291, 0.4452 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(123, 167, 98)` looks like.

```
.text, #text, p{  
    color:rgb(123, 167, 98)  
}
```

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(123, 167, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 167, 98) }
```

Border

The CSS property to change the border of an element to Yxy 32.7302, 0.3291, 0.4452 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(123, 167, 98) }
```

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

```
.border{ border-color:rgb(123, 167, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 167, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 167, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 167, 98);  
box-shadow:4px 4px 4px 4px rgb(123, 167,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7302, 0.3291, 0.4452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 167, 98) }
```

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

```
.background{ background-color: rgb(123,  
167, 98) }
```

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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