

Converting Colors

$Yxy(32.7350, 0.3325, 0.4300)$

Have a look what the booklet for
Yxy(32.7350, 0.3325, 0.4300)
contains.

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Color

Yxy(32.7350, 0.3325, 0.4300)

Conversions

Conversions Part 1

Format	Color
Hex	83A568
RGB	131, 165, 104
RGB Percent	51%, 65%, 41%
CMY	0.4863, 0.3529, 0.5922
CMYK	0.21, 0.00, 0.37, 0.35
HSL	93°, 25%, 53%
HSV	93°, 37%, 65%
XYZ	25.3125, 32.7350, 18.0804
YIQ	147.8800, -0.6830, -26.1790

Conversions

Conversions Part 2

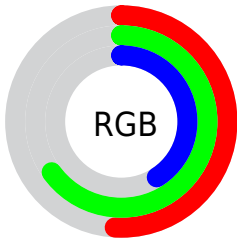
Format	Color
RYB	104, 165, 138
Decimal	8627560
CIELab	63.95, -22.91, 27.91
CIELCh	64, 36.104, 129.377
Yxy	32.7350, 0.3325, 0.4300
Android (android.graphics.Color)	4286817640 (0xFF83A568)
YUV	147.8800, -21.6328, -14.8038
Hunter-Lab	57.2145, -21.1544, 21.3139

Details

The Yxy color **32.7350, 0.3325, 0.4300** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.0219, 0.2844, 0.2306**, and the grayscale version is **29.6535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9010, 0.3296, 0.4081**, and **13.8013, 0.3353, 0.4661** is the 20% darker color. If you saturate the color by 10%, you get **31.7310, 0.3364, 0.4602**, and if you desaturate by 10%, it is **33.8727, 0.3277, 0.4004**.

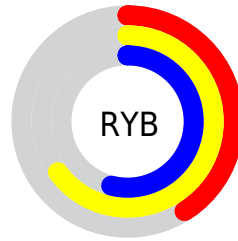
Distribution



Red (51%)

Green (65%)

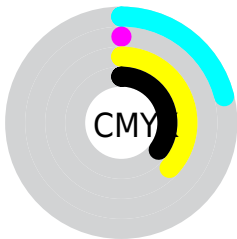
Blue (41%)



Red (41%)

Yellow (65%)

Blue (54%)

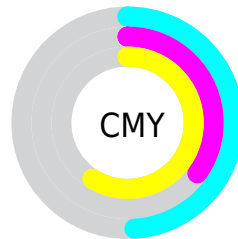


Cyan (21%)

Magenta (0%)

Yellow (37%)

Black (35%)



Cyan (49%)


Magenta (35%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7350, 0.3325, 0.4300 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 32.7350, 0.3325, 0.4300 by changing the saturation by 10% instead.

 32.7350, 0.3325,
0.4300


 32.7350, 0.3325,
0.4300


314.4539, 0.3236,
0.3745


 21.9235, 0.3341,
0.4456


 63.9616, 0.3296,
0.4086

 13.8007, 0.3357,
0.4666


 85.1455, 0.3284,
0.4009

 7.9822, 0.3367,
0.4964


 110.5556, 0.3273,
0.3946

 4.0836, 0.3351,
0.5410

 140.5764, 0.3264,
0.3892

 1.7204, 0.3460,
0.6540

175.5922, 0.3256,
0.3847

 0.4368, 0.0000,
1.0000

215.9875, 0.3248,

 0.0000, 0.0000,

0.3808

0.0000

262.1466, 0.3242,
0.3774

■ 32.7350, 0.3325,
0.4300

■ 32.7350, 0.3325,
0.4300

■ 31.7310, 0.3364,
0.4602

■ 33.8727, 0.3277,
0.4004

■ 30.8509, 0.3389,
0.4898

■ 35.1450, 0.3223,
0.3722

■ 30.0901, 0.3398,
0.5172


■ 36.5582, 0.3167,
0.3460

■ 29.4420, 0.3388,
0.5409


■ 38.1168, 0.3110,
0.3220


■ 28.8992, 0.3358,
0.5596

■ 39.8253, 0.3054,
0.3003

 28.4512, 0.3312,
0.5728

 41.6877, 0.3000,
0.2809

 28.3290, 0.3297,
0.5764

 43.7081, 0.2949,
0.2635

 45.8903, 0.2902,
0.2481

 48.2380, 0.2857,
0.2345

Harmonies

Analogous

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



32.7350, 0.3846, 0.4261



32.7350, 0.3325, 0.4300



32.7350, 0.2776, 0.3981

Triad

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



32.7350, 0.3325, 0.4300



32.7350, 0.2149, 0.2531



32.7350, 0.3950, 0.3094

Complementary

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



32.7350, 0.3325, 0.4300



18.0219, 0.2844, 0.2306

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.



32.7350, 0.3422, 0.2719



32.7350, 0.3325, 0.4300



32.7350, 0.2398, 0.2398

Square

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



32.7350, 0.3325, 0.4300



32.7350, 0.2129, 0.2886



32.7350, 0.2849, 0.2472



32.7350, 0.4240, 0.3531

Rectangle

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



32.7350, 0.3325, 0.4300



32.7350, 0.2469, 0.3621



32.7350, 0.2849, 0.2472



32.7350, 0.3792, 0.2959

Sweetspot

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



32.7364, 0.3325, 0.4300



64.3662, 0.3191, 0.3568



27.0484, 0.3810, 0.3811



14.0014, 0.3198, 0.3601



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.



32.7364, 0.3325, 0.4300



57.1940, 0.3356, 0.4537



30.9181, 0.3053, 0.4325



8.0412, 0.3180, 0.3518



21.4582, 0.3304, 0.5758



0.4787, 0.3606, 0.5519

Inverse Universe

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



18.0219, 0.2844, 0.2306



27.1144, 0.2765, 0.2083



20.5075, 0.3205, 0.2436



7.0455, 0.3070, 0.3064



3.8065, 0.2158, 0.0962



0.1074, 0.2543, 0.1175

Previews

White Background



This preview shows how the Yxy color 32.7350, 0.3325, 0.4300 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 32.7350, 0.3325, 0.4300 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 32.7350, 0.3325, 0.4300

Background



This preview shows how black text looks on a background with the Yxy color 32.7350, 0.3325, 0.4300.



This preview shows how white text looks on a background with the Yxy color 32.7350, 0.3325, 0.4300.

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

32.7350, 0.3325, 0.4300

Protanopia

32.3561, 0.3794, 0.4092

Deuteranopia

32.4529, 0.3926, 0.3853



Tritanopia

32.6789, 0.2866, 0.3091

Trichromacy



Original Color

32.7350, 0.3325, 0.4300

Protanomaly

32.3619, 0.3623, 0.4174

Deuteranomaly

32.1721, 0.3695, 0.3999

Tritanomaly

32.5353, 0.3032, 0.3513

Monochromacy



Original Color

32.7350, 0.3325, 0.4300

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.5279, 0.3211, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7350, 0.3325, 0.4300 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(131, 165, 104)` looks like.

```
.text, #text, p{  
    color:rgb(131, 165, 104)  
}
```

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(131, 165, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 165, 104) }
```

Border

The CSS property to change the border of an element to Yxy 32.7350, 0.3325, 0.4300 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(131, 165, 104) }
```

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

```
.border{ border-color:rgb(131, 165, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 165, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 165, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 165, 104);  
box-shadow:4px 4px 4px 4px rgb(131, 165,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7350, 0.3325, 0.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 165, 104) }
```

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

```
.background{ background-color: rgb(131,  
165, 104) }
```

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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