

Converting Colors

$Yxy(32.6820, 0.3266, 0.4522)$

Have a look what the booklet for
Yxy(32.6820, 0.3266, 0.4522)
contains.

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Color

Yxy(32.7534, 0.3273, 0.4528)

Conversions

Conversions Part 1

Format	Color
Hex	77A85F
RGB	119, 168, 95
RGB Percent	47%, 66%, 37%
CMY	0.5334, 0.3412, 0.6273
CMYK	0.29, 0.00, 0.43, 0.34
HSL	100°, 30%, 52%
HSV	100°, 43%, 66%
XYZ	23.6753, 32.7534, 15.9065
YIQ	145.0270, -5.7710, -33.0910

Conversions

Conversions Part 2

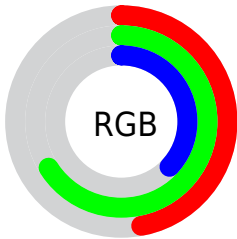
Format	Color
R_{YB}	95, 168, 144
Decimal	7841887
CIE _{Lab}	63.96, -30.06, 32.53
CIE _{LCh}	64, 44.292, 132.741
Yxy	32.7534, 0.3273, 0.4528
Android (android.graphics.Color)	4286031967 (0xFF77A85F)
YUV	145.0270, -24.6633, -22.8257
Hunter-Lab	57.2306, -26.3111, 23.5825

Details

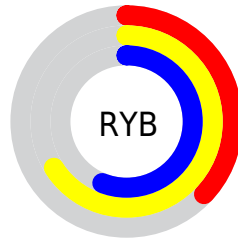
The Yxy color **32.7534, 0.3273, 0.4528** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.9500, 0.2879, 0.2152**, and the grayscale version is **28.4311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7662, 0.3259, 0.4251**, and **13.9250, 0.3270, 0.4980** is the 20% darker color. If you saturate the color by 10%, you get **31.7299, 0.3288, 0.4844**, and if you desaturate by 10%, it is **33.9404, 0.3248, 0.4213**.

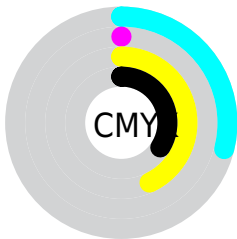
Distribution



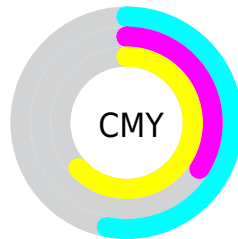
- Red (47%)
- Green (66%)
- Blue (37%)



- Red (37%)
- Yellow (66%)
- Blue (56%)



- Cyan (29%)
- Magenta (0%)
- Yellow (43%)
- Black (34%)




- Cyan (53%)
- Magenta (34%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7534, 0.3273, 0.4528 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 32.7534, 0.3273, 0.4528 by changing the saturation by 10% instead.


 32.7534, 0.3273,
0.4528


 32.7534, 0.3273,
0.4528


314.5371, 0.3220,
0.3841


 21.9376, 0.3275,
0.4722


 63.9903, 0.3261,
0.4262


 13.8111, 0.3269,
0.4984


 85.1803, 0.3254,
0.4167

 7.9894, 0.3241,
0.5354

 110.5970, 0.3247,
0.4089

 4.0881, 0.3173,
0.5935

 140.6250, 0.3241,
0.4023

 1.7230, 0.2991,
0.7009

175.6486, 0.3235,
0.3967

 0.4385, 0.0000,
1.0000

216.0522, 0.3229,

 0.0000, 0.0000,

0.3920

0.0000

262.2202, 0.3224,
0.3878

■ 32.7534, 0.3273,
0.4528

■ 32.7534, 0.3273,
0.4528

■ 31.7299, 0.3288,
0.4844

■ 33.9404, 0.3248,
0.4213

■ 30.8581, 0.3289,
0.5145

■ 35.2938, 0.3216,
0.3911

■ 30.1312, 0.3275,
0.5413


■ 36.8215, 0.3179,
0.3630


■ 29.5399, 0.3245,
0.5631


■ 38.5298, 0.3141,
0.3373

■ 29.0738, 0.3202,
0.5787

■ 40.4245, 0.3101,
0.3141

 28.8238, 0.3171,
0.5864

 42.5113, 0.3063,
0.2934

 44.7955, 0.3025,
0.2752

 47.2823, 0.2990,
0.2590

 49.9767, 0.2956,
0.2448

Harmonies

Analogous

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



32.7534, 0.3920, 0.4496



32.7534, 0.3273, 0.4528



32.7534, 0.2621, 0.4085

Triad

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



32.7534, 0.3273, 0.4528



32.7534, 0.1978, 0.2339



32.7534, 0.4196, 0.3098

Complementary

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



32.7534, 0.3273, 0.4528



16.9500, 0.2879, 0.2152

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.



32.7534, 0.3562, 0.2648



32.7534, 0.3273, 0.4528



32.7534, 0.2297, 0.2222

Square

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



32.7534, 0.3273, 0.4528



32.7534, 0.1922, 0.2722



32.7534, 0.2856, 0.2338



32.7534, 0.4503, 0.3615

Rectangle

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



32.7534, 0.3273, 0.4528



32.7534, 0.2273, 0.3611



32.7534, 0.2856, 0.2338



32.7534, 0.4010, 0.2937

Sweetspot

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



32.7548, 0.3273, 0.4528



66.8722, 0.3179, 0.3624



29.0015, 0.3904, 0.4023



14.4403, 0.3187, 0.3682



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.



32.7548, 0.3273, 0.4528



57.6582, 0.3287, 0.4829



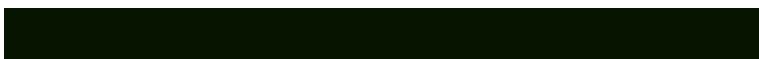
31.5070, 0.2979, 0.4387



8.5229, 0.3164, 0.3520



21.7904, 0.3178, 0.5859



0.5578, 0.3451, 0.5642

Inverse Universe

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



16.9500, 0.2879, 0.2152



25.2155, 0.2804, 0.1903



18.9095, 0.3329, 0.2400



7.5414, 0.3087, 0.3064



4.8070, 0.2409, 0.1101



0.1429, 0.2684, 0.1252

Previews

White Background



This preview shows how the Yxy color 32.7534, 0.3273, 0.4528 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 32.7534, 0.3273, 0.4528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

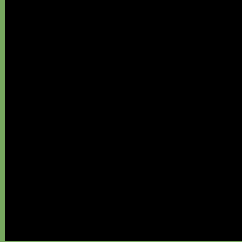
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7534, 0.3273, 0.4528

Background



This preview shows how black text looks on a background with the Yxy color 32.7534, 0.3273, 0.4528.



This preview shows how white text looks on a background with the Yxy color 32.7534, 0.3273, 0.4528.

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

32.7534, 0.3273, 0.4528

Protanopia

32.2844, 0.3897, 0.4227

Deuteranopia

32.5390, 0.4028, 0.3955



Tritanopia

32.6001, 0.2766, 0.3087

Trichromacy



Original Color

32.7534, 0.3273, 0.4528

Protanomaly

32.1483, 0.3654, 0.4336

Deuteranomaly

32.0059, 0.3741, 0.4154

Tritanomaly

32.3663, 0.2958, 0.3584

Monochromacy



Original Color

32.7534, 0.3273, 0.4528

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.5490, 0.3197, 0.3723

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7534, 0.3273, 0.4528 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(119, 168, 95)` looks like.

```
.text, #text, p{  
    color:rgb(119, 168, 95)  
}
```

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(119, 168, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 168, 95) }
```

Border

The CSS property to change the border of an element to Yxy 32.7534, 0.3273, 0.4528 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(119, 168, 95) }
```

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

```
.border{ border-color:rgb(119, 168, 95) }
```

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

Here you see how a box with a 4 pixel rgb(119, 168, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 168, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 168, 95);  
box-shadow:4px 4px 4px 4px rgb(119, 168,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7534, 0.3273, 0.4528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 168, 95) }
```

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

```
.background{ background-color: rgb(119,  
168, 95) }
```

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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