

Converting Colors

$Yxy(32.8236, 0.3177, 0.4546)$

Have a look what the booklet for
Yxy(32.8236, 0.3177, 0.4546)
contains.

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Color

Yxy(32.9275, 0.3174, 0.4551)

Conversions

Conversions Part 1

Format	Color
Hex	6EAA61
RGB	110, 170, 97
RGB Percent	43%, 67%, 38%
CMY	0.5686, 0.3333, 0.6195
CMYK	0.35, 0.00, 0.43, 0.33
HSL	109°, 30%, 52%
HSV	109°, 43%, 67%
XYZ	22.9646, 32.9275, 16.4601
YIQ	143.7380, -12.3270, -35.4230

Conversions

Conversions Part 2

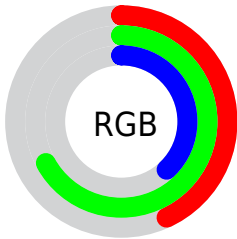
Format	Color
RYB	97, 170, 157
Decimal	7252577
CIELab	64.10, -33.85, 31.57
CIELCh	64, 46.284, 137.001
Yxy	32.9275, 0.3174, 0.4551
Android (android.graphics.Color)	4285442657 (0xFF6EAA61)
YUV	143.7380, -23.0418, -29.5882
Hunter-Lab	57.3825, -28.9833, 23.1604

Details

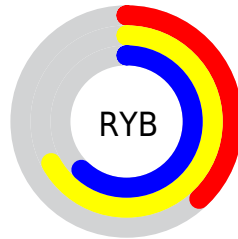
The Yxy color **32.9275, 0.3174, 0.4551** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.6259, 0.3016, 0.2208**, and the grayscale version is **27.8794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4552, 0.3180, 0.4276**, and **13.8439, 0.3135, 0.5011** is the 20% darker color. If you saturate the color by 10%, you get **31.8180, 0.3171, 0.4886**, and if you desaturate by 10%, it is **34.2492, 0.3170, 0.4220**.

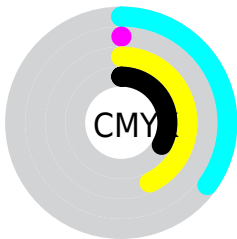
Distribution



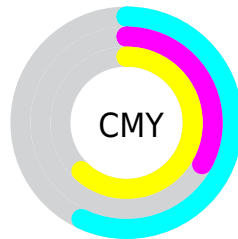
- Red (43%)
- Green (67%)
- Blue (38%)



- Red (38%)
- Yellow (67%)
- Blue (62%)



- Cyan (35%)
- Magenta (0%)
- Yellow (43%)
- Black (33%)




- Cyan (57%)
- Magenta (33%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9275, 0.3174, 0.4551 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 32.9275, 0.3174, 0.4551 by changing the saturation by 10% instead.


 32.9275, 0.3174,
0.4551


 32.9275, 0.3174,
0.4551


315.3229, 0.3174,
0.3848


 22.0709, 0.3162,
0.4751


 64.2623, 0.3182,
0.4277


 13.9090, 0.3137,
0.5024

 85.5093, 0.3182,
0.4180

 8.0574, 0.3084,
0.5411


 110.9886, 0.3182,
0.4100

 4.1317, 0.2972,
0.6012

 141.0846, 0.3180,
0.4033

 1.7475, 0.2734,
0.7266

176.1816, 0.3179,
0.3977

 0.4541, 0.0000,
1.0000

216.6641, 0.3177,

 0.0000, 0.0000,

0.3928

0.0000

262.9164, 0.3176,
0.3885

■ 32.9275, 0.3174,
0.4551

■ 32.9275, 0.3174,
0.4551

■ 31.8180, 0.3171,
0.4886

■ 34.2492, 0.3170,
0.4220

■ 30.9054, 0.3161,
0.5208

■ 35.7890, 0.3160,
0.3907

■ 30.1792, 0.3141,
0.5493


■ 37.5578, 0.3147,
0.3619

■ 29.6259, 0.3114,
0.5721


■ 39.5645, 0.3132,
0.3360


■ 29.2301, 0.3081,
0.5877

■ 41.8177, 0.3115,
0.3130

 29.0295, 0.3059,
0.5953

 44.3252, 0.3099,
0.2929

 47.0949, 0.3082,
0.2752

 50.1340, 0.3066,
0.2598

 53.4495, 0.3050,
0.2464

Harmonies

Analogous

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



32.9275, 0.3859, 0.4577



32.9275, 0.3174, 0.4551



32.9275, 0.2513, 0.4024

Triad

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



32.9275, 0.3174, 0.4551



32.9275, 0.1967, 0.2268



32.9275, 0.4314, 0.3161

Complementary

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



32.9275, 0.3174, 0.4551



18.6259, 0.3016, 0.2208

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.



32.9275, 0.3685, 0.2683



32.9275, 0.3174, 0.4551



32.9275, 0.2332, 0.2186

Square

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



32.9275, 0.3174, 0.4551



32.9275, 0.1869, 0.2622



32.9275, 0.2942, 0.2338



32.9275, 0.4570, 0.3698

Rectangle

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



32.9275, 0.3174, 0.4551



32.9275, 0.2175, 0.3512



32.9275, 0.2942, 0.2338



32.9275, 0.4135, 0.2991

Sweetspot

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



32.9289, 0.3174, 0.4551



68.0386, 0.3148, 0.3628



33.3958, 0.3828, 0.4161



15.0109, 0.3151, 0.3688



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.9289, 0.3174, 0.4551



57.7270, 0.3171, 0.4887



32.6518, 0.2901, 0.4171



8.4695, 0.3142, 0.3521



21.3723, 0.3064, 0.5949



0.5380, 0.3260, 0.5794

Inverse Universe

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



18.6259, 0.3016, 0.2208



28.1369, 0.2978, 0.1969



19.2033, 0.3472, 0.2553



7.5981, 0.3110, 0.3066



6.2420, 0.2770, 0.1300



0.1690, 0.2925, 0.1385

Previews

White Background



This preview shows how the Yxy color 32.9275, 0.3174, 0.4551 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 32.9275, 0.3174, 0.4551 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 32.9275, 0.3174, 0.4551

Background



This preview shows how black text looks on a background with the Yxy color 32.9275, 0.3174, 0.4551.



This preview shows how white text looks on a background with the Yxy color 32.9275, 0.3174, 0.4551.

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

32.9275, 0.3174, 0.4551

Protanopia

32.6330, 0.3881, 0.4226

Deuteranopia

32.5782, 0.4008, 0.3929



Tritanopia

32.8308, 0.2697, 0.3086

Trichromacy



Original Color

32.9275, 0.3174, 0.4551

Protanomaly

32.2278, 0.3609, 0.4346

Deuteranomaly

31.9661, 0.3674, 0.4152

Tritanomaly

32.5482, 0.2874, 0.3588

Monochromacy



Original Color

32.9275, 0.3174, 0.4551

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

29.2203, 0.3156, 0.3728

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9275, 0.3174, 0.4551 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(110, 170, 97)` looks like.

```
.text, #text, p{  
    color:rgb(110, 170, 97)  
}
```

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(110, 170, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 170, 97) }
```

Border

The CSS property to change the border of an element to Yxy 32.9275, 0.3174, 0.4551 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(110, 170, 97) }
```

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

```
.border{ border-color:rgb(110, 170, 97) }
```

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

Here you see how a box with a 4 pixel rgb(110, 170, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 170, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 170, 97);  
box-shadow:4px 4px 4px 4px rgb(110, 170,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9275, 0.3174, 0.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 170, 97) }
```

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

```
.background{ background-color: rgb(110,  
170, 97) }
```

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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