

Converting Colors

$Yxy(32.7363, 0.3458, 0.4627)$

Have a look what the booklet for
Yxy(32.7363, 0.3458, 0.4627)
contains.

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Color

Yxy(32.6741, 0.3460, 0.4617)

Conversions

Conversions Part 1

Format	Color
Hex	82A655
RGB	130, 166, 85
RGB Percent	51%, 65%, 33%
CMY	0.4900, 0.3490, 0.6667
CMYK	0.22, 0.00, 0.49, 0.35
HSL	87°, 32%, 49%
HSV	87°, 49%, 65%
XYZ	24.4861, 32.6741, 13.6089
YIQ	146.0020, 4.5450, -32.8230

Conversions

Conversions Part 2

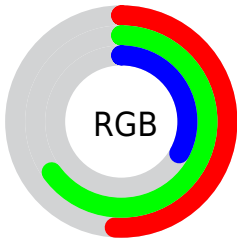
Format	Color
RYB	85, 166, 121
Decimal	8562261
CIELab	63.90, -26.23, 37.76
CIELCh	64, 45.973, 124.790
Yxy	32.6741, 0.3460, 0.4617
Android (android.graphics.Color)	4286752341 (0xFF82A655)
YUV	146.0020, -30.0740, -14.0338
Hunter-Lab	57.1613, -23.5683, 25.8972

Details

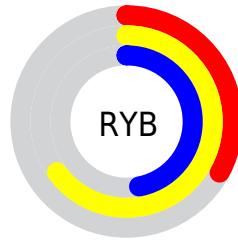
The Yxy color **32.6741, 0.3460, 0.4617** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **13.3105, 0.2609, 0.1929**, and the grayscale version is **28.8730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6808, 0.3413, 0.4341**, and **13.7817, 0.3499, 0.5088** is the 20% darker color. If you saturate the color by 10%, you get **31.8797, 0.3500, 0.4891**, and if you desaturate by 10%, it is **33.5750, 0.3405, 0.4331**.

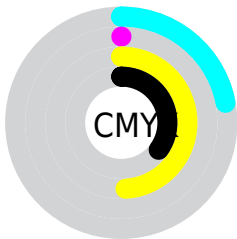
Distribution



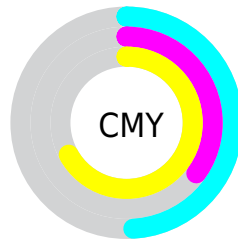
- Red (51%)
- Green (65%)
- Blue (33%)



- Red (33%)
- Yellow (65%)
- Blue (47%)



- Cyan (22%)
- Magenta (0%)
- Yellow (49%)
- Black (35%)



- Cyan (49%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.6741, 0.3460, 0.4617 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 32.6741, 0.3460, 0.4617 by changing the saturation by 10% instead.


 32.6741, 0.3460,
0.4617


 32.6741, 0.3460,
0.4617


314.1786, 0.3313,
0.3888

 21.8769, 0.3484,
0.4817


 63.8664, 0.3414,
0.4338


 13.7665, 0.3503,
0.5083


 85.0303, 0.3394,
0.4237


 7.9584, 0.3505,
0.5447


 110.4185, 0.3377,
0.4154

 4.0684, 0.3532,
0.6106

 140.4155, 0.3361,
0.4084

 1.7119, 0.3244,
0.6756

 175.4056, 0.3347,
0.4024

 0.4313, 0.0000,
1.0000

215.7732, 0.3334,

 0.0000, 0.0000,

0.3973

0.0000

261.9028, 0.3323,
0.3928

■ 32.6741, 0.3460,
0.4617

■ 32.6741, 0.3460,
0.4617

■ 31.8797, 0.3500,
0.4891

■ 33.5750, 0.3405,
0.4331

■ 31.1823, 0.3521,
0.5140

■ 34.5828, 0.3339,
0.4044

■ 30.5773, 0.3521,
0.5351


■ 35.7036, 0.3268,
0.3767


■ 30.0582, 0.3497,
0.5513

■ 36.9414, 0.3193,
0.3505

■ 29.6126, 0.3456,
0.5629

■ 38.3002, 0.3118,
0.3262

 29.5622, 0.3451,
0.5642

 39.7837, 0.3045,
0.3039

 41.3955, 0.2975,
0.2838

 43.1389, 0.2909,
0.2656

 45.0172, 0.2847,
0.2494

Harmonies

Analogous

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



32.6741, 0.4098, 0.4459



32.6741, 0.3460, 0.4617



32.6741, 0.2769, 0.4286

Triad

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



32.6741, 0.3460, 0.4617



32.6741, 0.1898, 0.2381



32.6741, 0.4087, 0.2956

Complementary

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



32.6741, 0.3460, 0.4617



13.3105, 0.2609, 0.1929

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.



32.6741, 0.3379, 0.2525



32.6741, 0.3460, 0.4617



32.6741, 0.2155, 0.2193

Square

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



32.6741, 0.3460, 0.4617



32.6741, 0.1913, 0.2851



32.6741, 0.2670, 0.2254



32.6741, 0.4515, 0.3477

Rectangle

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



32.6741, 0.3460, 0.4617



32.6741, 0.2372, 0.3828



32.6741, 0.2670, 0.2254



32.6741, 0.3868, 0.2799

Sweetspot

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



32.6755, 0.3460, 0.4617



65.5686, 0.3242, 0.3673



22.2181, 0.4159, 0.3836



14.5735, 0.3257, 0.3727



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.



32.6755, 0.3460, 0.4617



57.6879, 0.3504, 0.4925



30.1200, 0.3099, 0.4779



8.6057, 0.3197, 0.3518



22.9535, 0.3457, 0.5637



0.5881, 0.3701, 0.5443

Inverse Universe

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



13.3105, 0.2609, 0.1929



18.1969, 0.2452, 0.1602



16.7842, 0.3111, 0.2110



7.4574, 0.3053, 0.3061



3.2811, 0.1936, 0.0840



0.1104, 0.2332, 0.1059

Previews

White Background



This preview shows how the Yxy color 32.6741, 0.3460, 0.4617 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 32.6741, 0.3460, 0.4617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

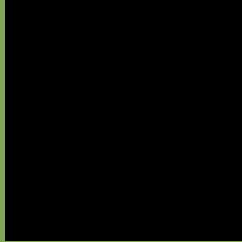
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6741, 0.3460, 0.4617

Background



This preview shows how black text looks on a background with the Yxy color 32.6741, 0.3460, 0.4617.



This preview shows how white text looks on a background with the Yxy color 32.6741, 0.3460, 0.4617.

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

32.6741, 0.3460, 0.4617

Protanopia

32.2513, 0.3985, 0.4340

Deuteranopia

32.2970, 0.4154, 0.4063



Tritanopia

32.7293, 0.2883, 0.3107

Trichromacy



Original Color

32.6741, 0.3460, 0.4617

Protanomaly

32.0315, 0.3786, 0.4447

Deuteranomaly

32.0313, 0.3892, 0.4262

Tritanomaly

32.3799, 0.3111, 0.3644

Monochromacy



Original Color

32.6741, 0.3460, 0.4617

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.8132, 0.3267, 0.3768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6741, 0.3460, 0.4617 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(130, 166, 85)` looks like.

```
.text, #text, p{  
    color:rgb(130, 166, 85)  
}
```

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(130, 166, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 166, 85) }
```

Border

The CSS property to change the border of an element to Yxy 32.6741, 0.3460, 0.4617 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(130, 166, 85) }
```

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

```
.border{ border-color:rgb(130, 166, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 166, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 166, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 166, 85);  
box-shadow:4px 4px 4px 4px rgb(130, 166,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6741, 0.3460, 0.4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 166, 85) }
```

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

```
.background{ background-color: rgb(130,  
166, 85) }
```

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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