

Converting Colors

$Yxy(32.6621, 0.2944, 0.4362)$

Have a look what the booklet for
Yxy(32.6621, 0.2944, 0.4362)
contains.

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Color

Yxy(32.6532, 0.2944, 0.4361)

Conversions

Conversions Part 1

Format	Color
Hex	5EAB6F
RGB	94, 171, 111
RGB Percent	37%, 67%, 44%
CMY	0.6316, 0.3294, 0.5647
CMYK	0.45, 0.00, 0.35, 0.33
HSL	133°, 31%, 52%
HSV	133°, 45%, 67%
XYZ	22.0433, 32.6532, 20.1789
YIQ	141.1370, -26.6320, -34.9840

Conversions

Conversions Part 2

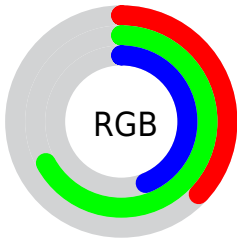
Format	Color
RYB	94, 157, 171
Decimal	6204271
CIELab	63.88, -37.11, 23.70
CIELCh	64, 44.030, 147.441
Yxy	32.6532, 0.2944, 0.4361
Android (android.graphics.Color)	4284394351 (0xFF5EAB6F)
YUV	141.1370, -14.8575, -41.3391
Hunter-Lab	57.1430, -31.1425, 19.0630

Details

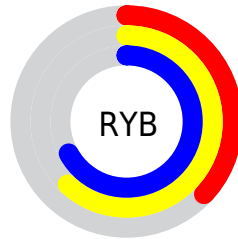
The Yxy color **32.6532, 0.2944, 0.4361** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.9853, 0.3395, 0.2421**, and the grayscale version is **26.7547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8784, 0.2992, 0.4129**, and **13.7360, 0.2852, 0.4786** is the 20% darker color. If you saturate the color by 10%, you get **31.5773, 0.2916, 0.4650**, and if you desaturate by 10%, it is **33.9757, 0.2979, 0.4084**.

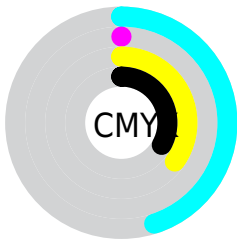
Distribution



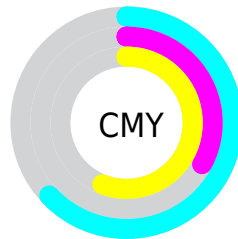
- Red (37%)
- Green (67%)
- Blue (44%)



- Red (37%)
- Yellow (62%)
- Blue (67%)



- Cyan (45%)
- Magenta (0%)
- Yellow (35%)
- Black (33%)





- Cyan (63%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6532, 0.2944, 0.4361 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 32.6532, 0.2944, 0.4361 by changing the saturation by 10% instead.

 32.6532, 0.2944,
0.4361


 32.6532, 0.2944,
0.4361


314.0841, 0.3059,
0.3761


 21.8609, 0.2905,
0.4535


 63.8337, 0.2992,
0.4126

 13.7547, 0.2848,
0.4774


 84.9907, 0.3008,
0.4043

 7.9503, 0.2757,
0.5122


 110.3714, 0.3021,
0.3975

 4.0631, 0.2597,
0.5667

 140.3602, 0.3032,
0.3918

 1.7089, 0.2432,
0.7496

175.3415, 0.3040,
0.3870

 0.4294, 0.0000,
1.0000

215.6996, 0.3047,

 0.0000, 0.0000,

0.3829

0.0000

261.8190, 0.3053,
0.3793

■ 32.6532, 0.2944,
0.4361

■ 32.6532, 0.2944,
0.4361

■ 31.5773, 0.2916,
0.4650

■ 33.9757, 0.2979,
0.4084

■ 30.7288, 0.2898,
0.4940

■ 35.5549, 0.3020,
0.3827

■ 30.0918, 0.2893,
0.5217


■ 37.4048, 0.3062,
0.3594

■ 29.6468, 0.2901,
0.5465

■ 39.5377, 0.3105,
0.3386


■ 29.3699, 0.2922,
0.5670

■ 41.9647, 0.3148,
0.3202

 29.2695, 0.2932,
0.5754

 44.6965, 0.3189,
0.3042

 47.7433, 0.3228,
0.2902

 51.1147, 0.3265,
0.2780

 54.8200, 0.3300,
0.2675

Harmonies

Analogous

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



32.6532, 0.3613, 0.4561



32.6532, 0.2944, 0.4361



32.6532, 0.2359, 0.3740

Triad

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



32.6532, 0.2944, 0.4361



32.6532, 0.2107, 0.2255



32.6532, 0.4393, 0.3348

Complementary

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



32.6532, 0.2944, 0.4361



18.9853, 0.3395, 0.2421

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.



32.6532, 0.3896, 0.2858



32.6532, 0.2944, 0.4361



32.6532, 0.2546, 0.2256

Square

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



32.6532, 0.2944, 0.4361



32.6532, 0.1921, 0.2503



32.6532, 0.3194, 0.2472



32.6532, 0.4489, 0.3868

Rectangle

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



32.6532, 0.2944, 0.4361



32.6532, 0.2091, 0.3251



32.6532, 0.3194, 0.2472



32.6532, 0.4265, 0.3177

Sweetspot

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



32.6546, 0.2944, 0.4361



67.2740, 0.3066, 0.3576



36.8383, 0.3614, 0.4443



14.8358, 0.3057, 0.3623



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.



32.6546, 0.2944, 0.4361



56.5642, 0.2916, 0.4647



33.6824, 0.2675, 0.3661



8.9673, 0.3087, 0.3471



22.0681, 0.2928, 0.5739



0.6219, 0.2769, 0.5168

Inverse Universe

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



18.9853, 0.3395, 0.2421



28.9739, 0.3473, 0.2250



17.9095, 0.3956, 0.2961



8.1173, 0.3170, 0.3115



7.8146, 0.3851, 0.1895



0.2248, 0.3622, 0.1769

Previews

White Background



This preview shows how the Yxy color 32.6532, 0.2944, 0.4361 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 32.6532, 0.2944, 0.4361 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 32.6532, 0.2944, 0.4361

Background



This preview shows how black text looks on a background with the Yxy color 32.6532, 0.2944, 0.4361.



This preview shows how white text looks on a background with the Yxy color 32.6532, 0.2944, 0.4361.

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

32.6532, 0.2944, 0.4361

Protanopia

32.3262, 0.3745, 0.4037

Deuteranopia

32.2645, 0.3810, 0.3748



Tritanopia

32.5802, 0.2576, 0.3081

Trichromacy



Original Color

32.6532, 0.2944, 0.4361



Protanomaly

31.7786, 0.3404, 0.4155



Deuteranomaly

31.3814, 0.3448, 0.3960



Tritanomaly

32.4825, 0.2714, 0.3525

Monochromacy



Original Color

32.6532, 0.2944, 0.4361



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

28.3533, 0.3050, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6532, 0.2944, 0.4361 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(94, 171, 111)` looks like.

```
.text, #text, p{  
    color:rgb(94, 171, 111)  
}
```

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(94, 171, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 171, 111) }
```

Border

The CSS property to change the border of an element to Yxy 32.6532, 0.2944, 0.4361 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(94, 171, 111) }
```

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

```
.border{ border-color:rgb(94, 171, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 171, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 171, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 171, 111);  
box-shadow:4px 4px 4px 4px rgb(94, 171,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6532, 0.2944, 0.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 171, 111) }
```

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

```
.background{ background-color: rgb(94, 171,  
111) }
```

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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