

Converting Colors

$Yxy(32.5488, 0.2988, 0.4775)$

Have a look what the booklet for
Yxy(32.5488, 0.2988, 0.4775)
contains.

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Color

Yxy(32.4537, 0.2988, 0.4764)

Conversions

Conversions Part 1

Format	Color
Hex	52AD5C
RGB	82, 173, 92
RGB Percent	32%, 68%, 36%
CMY	0.6784, 0.3216, 0.6393
CMYK	0.53, 0.00, 0.47, 0.32
HSL	127°, 36%, 50%
HSV	127°, 53%, 68%
XYZ	20.3551, 32.4537, 15.3140
YIQ	136.5570, -28.2350, -44.4830

Conversions

Conversions Part 2

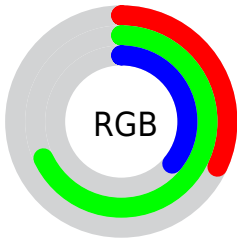
Format	Color
RYB	82, 164, 173
Decimal	5418332
CIELab	63.72, -44.46, 33.43
CIELCh	64, 55.627, 143.058
Yxy	32.4537, 0.2988, 0.4764
Android (android.graphics.Color)	4283608412 (0xFF52AD5C)
YUV	136.5570, -21.9666, -47.8465
Hunter-Lab	56.9681, -35.9150, 23.9395

Details

The Yxy color **32.4537, 0.2988, 0.4764** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **17.5654, 0.3314, 0.2167**, and the grayscale version is **24.9337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4555, 0.3037, 0.4427**, and **13.7175, 0.2874, 0.5352** is the 20% darker color. If you saturate the color by 10%, you get **31.5322, 0.2971, 0.5084**, and if you desaturate by 10%, it is **33.6282, 0.3010, 0.4440**.

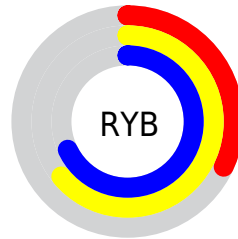
Distribution



Red (32%)

Green (68%)

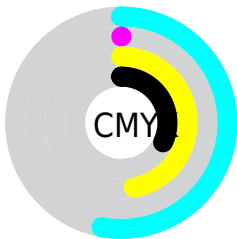
Blue (36%)



Red (32%)

Yellow (64%)

Blue (68%)

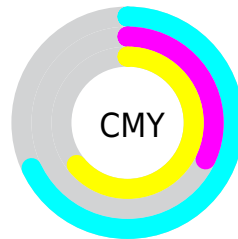


Cyan (53%)

Magenta (0%)

Yellow (47%)

Black (32%)



Cyan (68%)


Magenta (32%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4537, 0.2988, 0.4764 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 32.4537, 0.2988, 0.4764 by changing the saturation by 10% instead.


 32.4537, 0.2988,
0.4764


 32.4537, 0.2988,
0.4764


313.1808, 0.3095,
0.3931


 21.7083, 0.2943,
0.5006


 63.5217, 0.3039,
0.4436

 13.6427, 0.2872,
0.5338


 84.6130, 0.3054,
0.4321

 7.8726, 0.2750,
0.5813


 109.9218, 0.3066,
0.4226

 4.0135, 0.2544,
0.6598

 139.8324, 0.3074,
0.4147

 1.6811, 0.1755,
0.8245

174.7292, 0.3081,
0.4081

 0.4114, 0.0000,
1.0000

214.9966, 0.3087,

 0.0000, 0.0000,

0.4023

0.0000

261.0190, 0.3092,
0.3974

■ 32.4537, 0.2988,
0.4764

■ 32.4537, 0.2988,
0.4764

■ 31.5322, 0.2971,
0.5084

■ 33.6282, 0.3010,
0.4440

■ 30.8413, 0.2963,
0.5380

■ 35.0681, 0.3036,
0.4129

■ 30.3615, 0.2962,
0.5631

■ 36.7899, 0.3064,
0.3839

■ 30.0681, 0.2970,
0.5820

■ 38.8074, 0.3092,
0.3578

■ 29.9353, 0.2977,
0.5916

■ 41.1338, 0.3120,
0.3346

■ 43.7813, 0.3147,
0.3142

■ 46.7614, 0.3171,
0.2966

■ 50.0852, 0.3194,
0.2813

■ 53.7630, 0.3215,
0.2681

Harmonies

Analogous

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



32.4537, 0.3809, 0.4878



32.4537, 0.2988, 0.4764



32.4537, 0.2249, 0.4002

Triad

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



32.4537, 0.2988, 0.4764



32.4537, 0.1830, 0.2043



32.4537, 0.4665, 0.3236

Complementary

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



32.4537, 0.2988, 0.4764



17.5654, 0.3314, 0.2167

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.



32.4537, 0.3971, 0.2672



32.4537, 0.2988, 0.4764



32.4537, 0.2306, 0.2017

Square

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



32.4537, 0.2988, 0.4764



32.4537, 0.1655, 0.2368



32.4537, 0.3069, 0.2241



32.4537, 0.4843, 0.3857

Rectangle

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



32.4537, 0.2988, 0.4764



32.4537, 0.1904, 0.3352



32.4537, 0.3069, 0.2241



32.4537, 0.4481, 0.3038

Sweetspot

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



32.4551, 0.2988, 0.4764



68.1061, 0.3082, 0.3671



38.3799, 0.3787, 0.4577



14.6449, 0.3076, 0.3722



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.



32.4551, 0.2988, 0.4764



56.2589, 0.2970, 0.5131



33.4773, 0.2690, 0.3931



8.9531, 0.3102, 0.3498



21.9955, 0.2974, 0.5906



0.6163, 0.2876, 0.5553

Inverse Universe

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



17.5654, 0.3314, 0.2167



26.7001, 0.3363, 0.1975



16.2381, 0.3995, 0.2755



8.1327, 0.3154, 0.3091



8.2465, 0.3501, 0.1702



0.2336, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 32.4537, 0.2988, 0.4764 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 32.4537, 0.2988, 0.4764 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 32.4537, 0.2988, 0.4764

Background



This preview shows how black text looks on a background with the Yxy color 32.4537, 0.2988, 0.4764.



This preview shows how white text looks on a background with the Yxy color 32.4537, 0.2988, 0.4764.

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

32.4537, 0.2988, 0.4764

Protanopia

31.8734, 0.3947, 0.4280

Deuteranopia

32.0636, 0.4044, 0.3972



Tritanopia

32.1935, 0.2522, 0.3063

Trichromacy



Original Color

32.4537, 0.2988, 0.4764



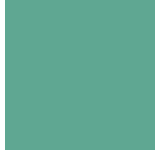
Protanomaly

31.1646, 0.3533, 0.4467



Deuteranomaly

30.9174, 0.3601, 0.4248



Tritanomaly

32.1457, 0.2696, 0.3652

Monochromacy



Original Color

32.4537, 0.2988, 0.4764



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

26.9751, 0.3063, 0.3809

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4537, 0.2988, 0.4764 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(82, 173, 92)` looks like.

```
.text, #text, p{  
    color:rgb(82, 173, 92)  
}
```

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(82, 173, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 173, 92) }
```

Border

The CSS property to change the border of an element to Yxy 32.4537, 0.2988, 0.4764 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(82, 173, 92) }
```

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

```
.border{ border-color:rgb(82, 173, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 173, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 173, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 173, 92);  
box-shadow:4px 4px 4px 4px rgb(82, 173,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4537, 0.2988, 0.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 173, 92) }
```

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

```
.background{ background-color: rgb(82, 173,  
92) }
```

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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