

Converting Colors

Yxy(32.9339, 0.3314, 0.5414)

Have a look what the booklet for
Yxy(32.9339, 0.3314, 0.5414)
contains.

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Color

Yxy(32.7887, 0.3317, 0.5405)

Conversions

Conversions Part 1

Format	Color
Hex	5DAE2D
RGB	93, 174, 45
RGB Percent	36%, 68%, 18%
CMY	0.6354, 0.3176, 0.8234
CMYK	0.47, 0.00, 0.74, 0.32
HSL	98°, 59%, 43%
HSV	98°, 74%, 68%
XYZ	20.1221, 32.7887, 7.7528
YIQ	135.0750, -6.8670, -57.2910

Conversions

Conversions Part 2

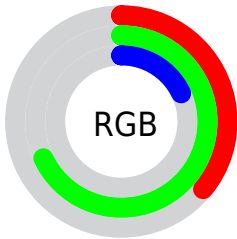
Format	Color
RYB	45, 174, 126
Decimal	6139437
CIELab	63.99, -46.78, 55.02
CIELCh	64, 72.219, 130.375
Yxy	32.7887, 0.3317, 0.5405
Android (android.graphics.Color)	4284329517 (0xFF5DAE2D)
YUV	135.0750, -44.4070, -36.8998
Hunter-Lab	57.2614, -37.4811, 32.0555

Details

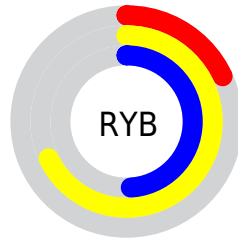
The Yxy color **32.7887, 0.3317, 0.5405** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9.3748, 0.2546, 0.1388**, and the grayscale version is **24.4269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9785, 0.3344, 0.4960**, and **13.9661, 0.3127, 0.5899** is the 20% darker color. If you saturate the color by 10%, you get **32.1524, 0.3287, 0.5614**, and if you desaturate by 10%, it is **33.5646, 0.3329, 0.5145**.

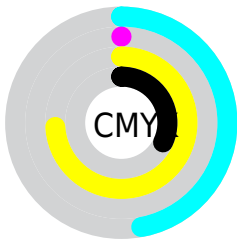
Distribution



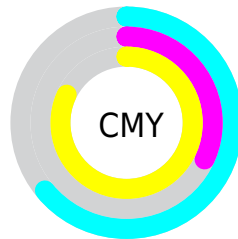
- Red (36%)
- Green (68%)
- Blue (18%)



- Red (18%)
- Yellow (68%)
- Blue (49%)



- Cyan (47%)
- Magenta (0%)
- Yellow (74%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7887, 0.3317, 0.5405 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 32.7887, 0.3317, 0.5405 by changing the saturation by 10% instead.


 32.7887, 0.3317,
0.5405


 32.7887, 0.3317,
0.5405


314.6965, 0.3300,
0.4231

 21.9646, 0.3279,
0.5719


 64.0455, 0.3338,
0.4958

 13.8309, 0.3196,
0.6120


 85.2470, 0.3337,
0.4795

 8.0032, 0.3066,
0.6723


 110.6765, 0.3333,
0.4660

 4.0970, 0.2688,
0.7312

 140.7182, 0.3327,
0.4547

 1.7280, 0.1603,
0.8397

 175.7567, 0.3320,
0.4450

 0.4417, 0.0000,
1.0000

 216.1764, 0.3313,

 0.0000, 0.0000,

0.4367

0.0000

262.3615, 0.3306,
0.4295

■ 32.7887, 0.3317,
0.5405

■ 32.7887, 0.3317,
0.5405

■ 32.1524, 0.3287,
0.5614

■ 33.5646, 0.3329,
0.5145

■ 31.6408, 0.3242,
0.5763

■ 34.4851, 0.3324,
0.4852

■ 31.3879, 0.3213,
0.5831

■ 35.5601, 0.3305,
0.4542

■ 36.7971, 0.3274,
0.4230

■ 38.2031, 0.3235,
0.3930

■ 39.7849, 0.3192,
0.3648

■ 41.5485, 0.3146,
0.3390

■ 43.4999, 0.3100,
0.3156

■ 45.6447, 0.3055,
0.2946

Harmonies

Analogous

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



32.7887, 0.4297, 0.5073



32.7887, 0.3317, 0.5405



32.7887, 0.2340, 0.4760

Triad

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



32.7887, 0.3317, 0.5405



32.7887, 0.1417, 0.1856



32.7887, 0.4796, 0.2877

Complementary

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



32.7887, 0.3317, 0.5405



9.3748, 0.2546, 0.1388

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.



32.7887, 0.3706, 0.2272



32.7887, 0.3317, 0.5405



32.7887, 0.1816, 0.1710

Square

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



32.7887, 0.3317, 0.5405



32.7887, 0.1350, 0.2393



32.7887, 0.2591, 0.1861



32.7887, 0.5300, 0.3576

Rectangle

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



32.7887, 0.3317, 0.5405



32.7887, 0.1827, 0.3892



32.7887, 0.2591, 0.1861



32.7887, 0.4473, 0.2660

Sweetspot

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



32.7901, 0.3317, 0.5405



69.7658, 0.3228, 0.3880



23.7460, 0.4609, 0.4341



15.3462, 0.3239, 0.3957



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



32.7901, 0.3317, 0.5405



57.6931, 0.3260, 0.5718



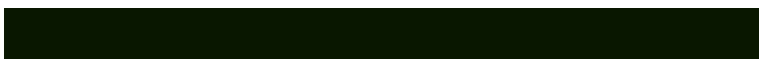
31.1602, 0.2958, 0.5410



9.0789, 0.3170, 0.3520



22.7953, 0.3221, 0.5825



0.6659, 0.3479, 0.5620

Inverse Universe

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



9.3748, 0.2546, 0.1388



12.8992, 0.2385, 0.1134



13.3798, 0.3419, 0.1856



7.9970, 0.3080, 0.3062



4.6238, 0.2308, 0.1045



0.1584, 0.2588, 0.1199

Previews

White Background



This preview shows how the Yxy color 32.7887, 0.3317, 0.5405 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 32.7887, 0.3317, 0.5405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

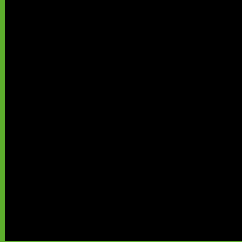
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7887, 0.3317, 0.5405

Background



This preview shows how black text looks on a background with the Yxy color 32.7887, 0.3317, 0.5405.



This preview shows how white text looks on a background with the Yxy color 32.7887, 0.3317, 0.5405.

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

32.7887, 0.3317, 0.5405

Protanopia

32.1486, 0.4290, 0.4728

Deuteranopia

32.0498, 0.4485, 0.4391



Tritanopia

32.5132, 0.2616, 0.3082

Trichromacy



Original Color

32.7887, 0.3317, 0.5405

Protanomaly

31.5862, 0.3900, 0.4995

Deuteranomaly

31.0928, 0.4023, 0.4770

Tritanomaly

31.8951, 0.2909, 0.3952

Monochromacy



Original Color

32.7887, 0.3317, 0.5405

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

26.4473, 0.3269, 0.4138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7887, 0.3317, 0.5405 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(93, 174, 45)` looks like.

```
.text, #text, p{  
    color:rgb(93, 174, 45)  
}
```

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(93, 174, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 174, 45) }
```

Border

The CSS property to change the border of an element to Yxy 32.7887, 0.3317, 0.5405 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(93, 174, 45) }
```

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

```
.border{ border-color:rgb(93, 174, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 174, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 174, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 174, 45);  
box-shadow:4px 4px 4px 4px rgb(93, 174,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7887, 0.3317, 0.5405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 174, 45) }
```

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

```
.background{ background-color: rgb(93, 174,  
45) }
```

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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