

Converting Colors

$Yxy(25.6621, 0.3037, 0.5444)$

Have a look what the booklet for
Yxy(25.6621, 0.3037, 0.5444)
contains.

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Color

Yxy(25.7566, 0.3037, 0.5436)

Conversions

Conversions Part 1

Format	Color
Hex	349F32
RGB	52, 159, 50
RGB Percent	20%, 62%, 20%
CMY	0.7962, 0.3765, 0.8038
CMYK	0.67, 0.00, 0.69, 0.38
HSL	119°, 52%, 41%
HSV	119°, 69%, 62%
XYZ	14.3898, 25.7566, 7.2352
YIQ	114.5810, -28.7830, -56.5830

Conversions

Conversions Part 2

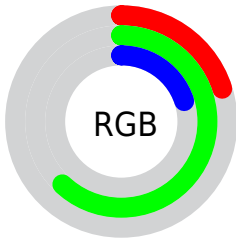
Format	Color
RYB	50, 159, 157
Decimal	3448626
CIELab	57.81, -51.64, 46.24
CIELCh	58, 69.319, 138.156
Yxy	25.7566, 0.3037, 0.5436
Android (android.graphics.Color)	4281638706 (0xFF349F32)
YUV	114.5810, -31.8384, -54.8835
Hunter-Lab	50.7510, -38.2028, 27.0732

Details

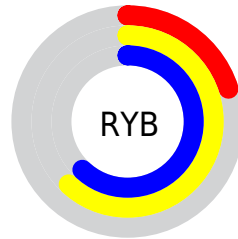
The Yxy color **25.7566, 0.3037, 0.5436** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **11.9634, 0.3169, 0.1778**, and the grayscale version is **17.1154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0709, 0.3113, 0.4931**, and **10.3081, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **25.2954, 0.3023, 0.5694**, and if you desaturate by 10%, it is **26.4047, 0.3052, 0.5122**.

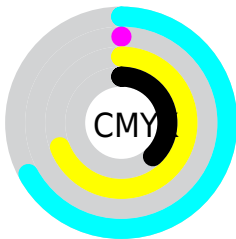
Distribution



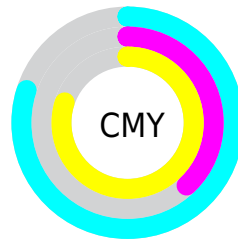
- Red (20%)
- Green (62%)
- Blue (20%)



- Red (20%)
- Yellow (62%)
- Blue (62%)



- Cyan (67%)
- Magenta (0%)
- Yellow (69%)
- Black (38%)




- Cyan (80%)
- Magenta (38%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7566, 0.3037, 0.5436 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 25.7566, 0.3037, 0.5436 by changing the saturation by 10% instead.


 25.7566, 0.3037,
0.5436


 25.7566, 0.3037,
0.5436


281.5852, 0.3162,
0.4178


 16.6416, 0.2959,
0.5809


 52.8820, 0.3112,
0.4933

 9.9793, 0.2819,
0.6314


 71.6613, 0.3130,
0.4757

 5.3852, 0.2629,
0.7212

 94.4307, 0.3142,
0.4615

 2.4750, 0.1985,
0.8015

 121.5748, 0.3149,
0.4497

 0.8641, 0.0000,
1.0000

 153.4779, 0.3155,
0.4398

 0.0000, 0.0000,
0.0000

 190.5244, 0.3158,

0.4313

233.0987, 0.3160,
0.4241

■ 25.7566, 0.3037,
0.5436

■ 25.7566, 0.3037,
0.5436

■ 25.2954, 0.3023,
0.5694

■ 26.4047, 0.3052,
0.5122

■ 24.9987, 0.3012,
0.5876

■ 27.2531, 0.3068,
0.4778

■ 24.8358, 0.3005,
0.5982

■ 28.3177, 0.3083,
0.4428

■ 24.8158, 0.3005,
0.5996

■ 29.6120, 0.3097,
0.4092

■ 31.1483, 0.3109,
0.3781

■ 32.9379, 0.3120,
0.3502

■ 34.9917, 0.3128,
0.3256

■ 37.3197, 0.3136,
0.3042

■ 39.9315, 0.3142,
0.2857

Harmonies

Analogous

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



25.7566, 0.4068, 0.5286



25.7566, 0.3037, 0.5436



25.7566, 0.2079, 0.4493

Triad

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



25.7566, 0.3037, 0.5436



25.7566, 0.1440, 0.1738



25.7566, 0.5073, 0.3035

Complementary

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



25.7566, 0.3037, 0.5436



11.9634, 0.3169, 0.1778

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.



25.7566, 0.4047, 0.2384



25.7566, 0.3037, 0.5436



25.7566, 0.1941, 0.1677

Square

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



25.7566, 0.3037, 0.5436



25.7566, 0.1285, 0.2165



25.7566, 0.2842, 0.1904



25.7566, 0.5376, 0.3764

Rectangle

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



25.7566, 0.3037, 0.5436



25.7566, 0.1626, 0.3546



25.7566, 0.2842, 0.1904



25.7566, 0.4793, 0.2807

Sweetspot

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



25.7577, 0.3037, 0.5436



54.9451, 0.3106, 0.3867



31.1686, 0.4072, 0.4761



12.2247, 0.3103, 0.3947



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.7577, 0.3037, 0.5436



44.9974, 0.3017, 0.5796



26.4142, 0.2722, 0.4476



7.4064, 0.3119, 0.3521



19.6013, 0.3005, 0.5996



0.3519, 0.3031, 0.5976

Inverse Universe

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



11.9634, 0.3169, 0.1778



18.5905, 0.3169, 0.1608



10.7422, 0.4104, 0.2428



6.7486, 0.3135, 0.3069



7.5757, 0.3166, 0.1518



0.1371, 0.3184, 0.1528

Previews

White Background



This preview shows how the Yxy color 25.7566, 0.3037, 0.5436 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7566, 0.3037, 0.5436 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 × Fail

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

Yxy 25.7566, 0.3037, 0.5436

Background



This preview shows how black text looks on a background with the Yxy color 25.7566, 0.3037, 0.5436.



This preview shows how white text looks on a background with the Yxy color 25.7566, 0.3037, 0.5436.

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

25.7566, 0.3037, 0.5436

Protanopia

25.2288, 0.4224, 0.4659

Deuteranopia

25.2168, 0.4380, 0.4294



Tritanopia

25.8174, 0.2449, 0.3073

Trichromacy



Original Color

25.7566, 0.3037, 0.5436



Protanomaly

24.5369, 0.3695, 0.5006



Deuteranomaly

23.9245, 0.3797, 0.4745



Tritanomaly

25.4650, 0.2675, 0.3922

Monochromacy



Original Color

25.7566, 0.3037, 0.5436



Achromatopsia

17.1441, 0.3127, 0.3290



Achromatomaly

19.2632, 0.3098, 0.4139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7566, 0.3037, 0.5436 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(52, 159, 50)` looks like.

```
.text, #text, p{  
    color:rgb(52, 159, 50)  
}
```

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(52, 159, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 159, 50) }
```

Border

The CSS property to change the border of an element to Yxy 25.7566, 0.3037, 0.5436 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(52, 159, 50) }
```

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

```
.border{ border-color:rgb(52, 159, 50) }
```

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

Here you see how a box with a 4 pixel rgb(52, 159, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 159, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 159, 50);  
box-shadow:4px 4px 4px 4px rgb(52, 159,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7566, 0.3037, 0.5436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 159, 50) }
```

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

```
.background{ background-color: rgb(52, 159,  
50) }
```

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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