

Converting Colors

$Yxy(26.8537, 0.3749, 0.5317)$

Have a look what the booklet for
Yxy(26.8537, 0.3749, 0.5317)
contains.

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Color

Yxy(26.9336, 0.3750, 0.5317)

Conversions

Conversions Part 1

Format	Color
Hex	759A11
RGB	117, 154, 17
RGB Percent	46%, 60%, 7%
CMY	0.5411, 0.3961, 0.9335
CMYK	0.24, 0.00, 0.89, 0.40
HSL	76°, 80%, 34%
HSV	76°, 89%, 60%
XYZ	18.9959, 26.9336, 4.7262
YIQ	127.3190, 21.9250, -50.4510

Conversions

Conversions Part 2

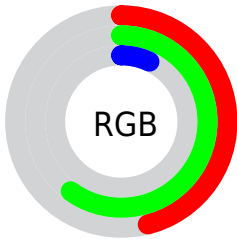
Format	Color
RYB	17, 154, 54
Decimal	7707153
CIELab	58.91, -30.57, 58.87
CIElCh	59, 66.335, 117.439
Yxy	26.9336, 0.3750, 0.5317
Android (android.graphics.Color)	4285897233 (0xFF759A11)
YUV	127.3190, -54.3873, -9.0498
Hunter-Lab	51.8976, -25.4852, 30.9289

Details

The Yxy color **26.9336, 0.3750, 0.5317** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3.5154, 0.1801, 0.0839**, and the grayscale version is **21.5257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0352, 0.3694, 0.4910**, and **10.7573, 0.3562, 0.5554** is the 20% darker color. If you saturate the color by 10%, you get **26.6163, 0.3732, 0.5411**, and if you desaturate by 10%, it is **27.2950, 0.3748, 0.5184**.

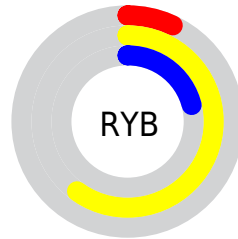
Distribution



Red (46%)

Green (60%)

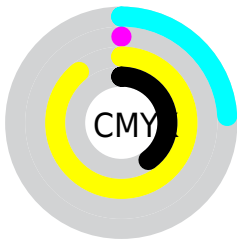
Blue (7%)



Red (7%)

Yellow (60%)

Blue (21%)

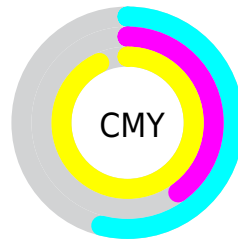


Cyan (24%)

Magenta (0%)

Yellow (89%)

Black (40%)



Cyan (54%)


Magenta (40%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9336, 0.3750, 0.5317 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 26.9336, 0.3750, 0.5317 by changing the saturation by 10% instead.


 26.9336, 0.3750,
0.5317


 26.9336, 0.3750,
0.5317


287.3355, 0.3506,
0.4209


 17.5234, 0.3758,
0.5594


 54.7773, 0.3693,
0.4905


 10.6083, 0.3732,
0.5946


 73.9795, 0.3661,
0.4751

 5.8041, 0.3621,
0.6379

 97.2146, 0.3630,
0.4623

 2.7263, 0.3248,
0.6752

 124.8668, 0.3600,
0.4514

 0.9906, 0.1621,
0.8379

 157.3206, 0.3573,
0.4421

 0.0000, 0.0000,
0.0000

 194.9604, 0.3549,

0.4340

238.1706, 0.3527,
0.4270

26.9336, 0.3750,
0.5317

26.9336, 0.3750,
0.5317

26.6163, 0.3732,
0.5411

27.2950, 0.3748,
0.5184

26.5849, 0.3730,
0.5420

27.7075, 0.3721,
0.5007

28.1770, 0.3672,
0.4793

28.7081, 0.3602,
0.4550

29.3044, 0.3517,
0.4291

■ 29.9694, 0.3422,
0.4025

■ 30.7063, 0.3321,
0.3761

■ 31.5180, 0.3218,
0.3507

■ 32.4073, 0.3117,
0.3266

Harmonies

Analogous

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



26.9336, 0.4646, 0.4756



26.9336, 0.3750, 0.5317



26.9336, 0.2756, 0.5129

Triad

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



26.9336, 0.3750, 0.5317



26.9336, 0.1373, 0.2053



26.9336, 0.4345, 0.2611

Complementary

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



26.9336, 0.3750, 0.5317



3.5154, 0.1801, 0.0839

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.



26.9336, 0.3198, 0.2084



26.9336, 0.3750, 0.5317



26.9336, 0.1623, 0.1756

Square

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



26.9336, 0.3750, 0.5317



26.9336, 0.1452, 0.2794



26.9336, 0.2224, 0.1784



26.9336, 0.5142, 0.3273

Rectangle

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



26.9336, 0.3750, 0.5317



26.9336, 0.2160, 0.4447



26.9336, 0.2224, 0.1784



26.9336, 0.3972, 0.2415

Sweetspot

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



26.9348, 0.3750, 0.5317



54.6285, 0.3408, 0.3986



9.5030, 0.5704, 0.3681



12.2742, 0.3439, 0.4070



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.9348, 0.3750, 0.5317



48.1962, 0.3721, 0.5427



23.8022, 0.3139, 0.5782



7.1391, 0.3221, 0.3513



21.6784, 0.3734, 0.5417



0.3416, 0.3951, 0.5245

Inverse Universe

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



3.5154, 0.1801, 0.0839



5.0321, 0.1662, 0.0689



6.8723, 0.2700, 0.1319



6.1029, 0.3028, 0.3063



2.3098, 0.1685, 0.0702



0.0506, 0.2110, 0.0936

Previews

White Background



This preview shows how the Yxy color 26.9336, 0.3750, 0.5317 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 26.9336, 0.3750, 0.5317 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 26.9336, 0.3750, 0.5317

Background



This preview shows how black text looks on a background with the Yxy color 26.9336, 0.3750, 0.5317.



This preview shows how white text looks on a background with the Yxy color 26.9336, 0.3750, 0.5317.

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

26.9336, 0.3750, 0.5317

Protanopia

26.7435, 0.4369, 0.4860

Deuteranopia

26.6195, 0.4614, 0.4524



Tritanopia

26.8368, 0.2891, 0.3092

Trichromacy



Original Color

26.9336, 0.3750, 0.5317

Protanomaly

26.5188, 0.4143, 0.5026

Deuteranomaly

26.1968, 0.4301, 0.4808

Tritanomaly

26.3230, 0.3310, 0.4036

Monochromacy



Original Color

26.9336, 0.3750, 0.5317

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.7904, 0.3485, 0.4217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9336, 0.3750, 0.5317 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(117, 154, 17)` looks like.

```
.text, #text, p{  
    color:rgb(117, 154, 17)  
}
```

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(117, 154, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 154, 17) }
```

Border

The CSS property to change the border of an element to Yxy 26.9336, 0.3750, 0.5317 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(117, 154, 17) }
```

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

```
.border{ border-color:rgb(117, 154, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 154, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 154, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 154, 17);  
box-shadow:4px 4px 4px 4px rgb(117, 154,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9336, 0.3750, 0.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 154, 17) }
```

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

```
.background{ background-color: rgb(117,  
154, 17) }
```

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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