

Converting Colors

$Y_{xy}(26.8253, 0.3235, 0.5573)$

Have a look what the booklet for
Yxy(26.8253, 0.3235, 0.5573)
contains.

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Color

Yxy(26.9336, 0.3232, 0.5579)

Conversions

Conversions Part 1

Format	Color
Hex	47A120
RGB	71, 161, 32
RGB Percent	28%, 63%, 13%
CMY	0.7216, 0.3686, 0.8746
CMYK	0.56, 0.00, 0.80, 0.37
HSL	102°, 67%, 38%
HSV	102°, 80%, 63%
XYZ	15.6030, 26.9336, 5.7401
YIQ	119.3840, -12.2310, -59.1990

Conversions

Conversions Part 2

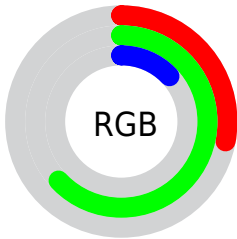
Format	Color
R_{YB}	32, 161, 122
Decimal	4694304
CIE _{Lab}	58.91, -49.13, 54.17
CIE _{LCh}	59, 73.126, 132.205
Yxy	26.9336, 0.3232, 0.5579
Android (android.graphics.Color)	4282884384 (0xFF47A120)
YUV	119.3840, -43.0803, -42.4328
Hunter-Lab	51.8976, -37.1546, 29.7706

Details

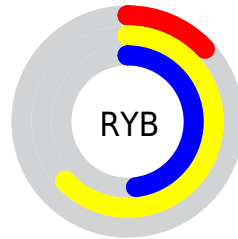
The Yxy color **26.9336, 0.3232, 0.5579** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7.7411, 0.2620, 0.1355**, and the grayscale version is **18.7168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9974, 0.3281, 0.5064**, and **10.7251, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.4816, 0.3193, 0.5758**, and if you desaturate by 10%, it is **27.5092, 0.3257, 0.5340**.

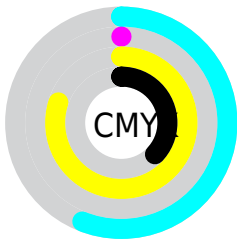
Distribution



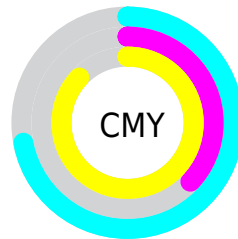
- Red (28%)
- Green (63%)
- Blue (13%)



- Red (13%)
- Yellow (63%)
- Blue (48%)



- Cyan (56%)
- Magenta (0%)
- Yellow (80%)
- Black (37%)




- Cyan (72%)
- Magenta (37%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9336, 0.3232, 0.5579 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, 0.3232, 0.5579 by changing the saturation by 10% instead.


 26.9336, 0.3232,
0.5579


 26.9336, 0.3232,
0.5579


287.3355, 0.3271,
0.4266


 17.5234, 0.3166,
0.5945


 54.7773, 0.3281,
0.5067


 10.6083, 0.3036,
0.6418


 73.9795, 0.3288,
0.4884

 5.8041, 0.2831,
0.7169

 97.2146, 0.3289,
0.4734

 2.7263, 0.2248,
0.7752

 124.8668, 0.3287,
0.4609

 0.9906, 0.0000,
1.0000

 157.3206, 0.3284,
0.4503

 0.0000, 0.0000,
0.0000

 194.9604, 0.3280,

0.4412

238.1706, 0.3275,
0.4334

■ 26.9336, 0.3232,
0.5579

■ 26.9336, 0.3232,
0.5579

■ 26.4816, 0.3193,
0.5758

■ 27.5092, 0.3257,
0.5340

■ 26.1367, 0.3150,
0.5881

■ 28.2144, 0.3267,
0.5055

■ 29.0588, 0.3264,
0.4744

■ 30.0500, 0.3249,
0.4425

■ 31.1951, 0.3226,
0.4112

■ 32.5007, 0.3196,
0.3815

■ 33.9728, 0.3163,
0.3542

■ 35.6173, 0.3128,
0.3293

■ 37.4397, 0.3092,
0.3071

Harmonies

Analogous

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



26.9336, 0.4279, 0.5215



26.9336, 0.3232, 0.5579



26.9336, 0.2211, 0.4821

Triad

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



26.9336, 0.3232, 0.5579



26.9336, 0.1336, 0.1743



26.9336, 0.4984, 0.2878

Complementary

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



26.9336, 0.3232, 0.5579



7.7411, 0.2620, 0.1355

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, 0.3824, 0.2240



26.9336, 0.3232, 0.5579



26.9336, 0.1771, 0.1619

Square

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



26.9336, 0.3232, 0.5579



26.9336, 0.1242, 0.2267



26.9336, 0.2611, 0.1796



26.9336, 0.5459, 0.3607

Rectangle

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



26.9336, 0.3232, 0.5579



26.9336, 0.1692, 0.3844



26.9336, 0.2611, 0.1796



26.9336, 0.4647, 0.2651

Sweetspot

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



26.9347, 0.3232, 0.5579



57.1595, 0.3209, 0.3941



21.1491, 0.4601, 0.4486



12.3665, 0.3219, 0.4041



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.



26.9347, 0.3232, 0.5579



46.9360, 0.3157, 0.5850



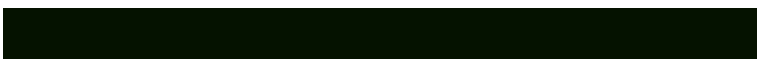
26.0799, 0.2919, 0.5421



7.9940, 0.3160, 0.3519



20.8924, 0.3155, 0.5877



0.4626, 0.3439, 0.5652

Inverse Universe

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



7.7411, 0.2620, 0.1355



11.1230, 0.2482, 0.1155



10.4250, 0.3595, 0.1897



7.0942, 0.3091, 0.3065



4.8448, 0.2470, 0.1135



0.1246, 0.2752, 0.1290

Previews

White Background



This preview shows how the Yxy color 26.9336, 0.3232, 0.5579 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, 0.3232, 0.5579 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, 0.3232, 0.5579

Background



This preview shows how black text looks on a background with the Yxy color 26.9336, 0.3232, 0.5579.



This preview shows how white text looks on a background with the Yxy color 26.9336, 0.3232, 0.5579.

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, 0.3232, 0.5579

Protanopia

26.4998, 0.4335, 0.4783

Deuteranopia

26.4698, 0.4518, 0.4445



Tritanopia

26.8542, 0.2540, 0.3080

Trichromacy



Original Color

26.9336, 0.3232, 0.5579

Protanomaly

25.7805, 0.3878, 0.5110

Deuteranomaly

25.5030, 0.3994, 0.4888

Tritanomaly

26.3274, 0.2838, 0.4042

Monochromacy



Original Color

26.9336, 0.3232, 0.5579

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

20.5631, 0.3246, 0.4245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9336, 0.3232, 0.5579 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(71, 161, 32)` looks like.

```
.text, #text, p{  
    color:rgb(71, 161, 32)  
}
```

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(71, 161, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 161, 32) }
```

Border

The CSS property to change the border of an element to Yxy 26.9336, 0.3232, 0.5579 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(71, 161, 32) }
```

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

```
.border{ border-color:rgb(71, 161, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 161, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 161, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 161, 32);  
box-shadow:4px 4px 4px 4px rgb(71, 161,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9336, 0.3232, 0.5579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 161, 32) }
```

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

```
.background{ background-color: rgb(71, 161,  
32) }
```

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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