

Converting Colors

$Yxy(26.0751, 0.3708, 0.5438)$

Have a look what the booklet for
Yxy(26.0751, 0.3708, 0.5438)
contains.

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Color

Yxy(26.0975, 0.3712, 0.5435)

Conversions

Conversions Part 1

Format	Color
Hex	6E9900
RGB	110, 153, 0
RGB Percent	43%, 60%, 0%
CMY	0.5685, 0.4000, 1.0000
CMYK	0.28, 0.00, 1.00, 0.40
HSL	77°, 100%, 30%
HSV	77°, 100%, 60%
XYZ	17.8241, 26.0975, 4.0959
YIQ	122.7010, 23.4850, -56.6990

Conversions

Conversions Part 2

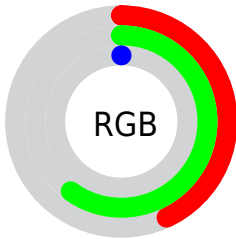
Format	Color
RYB	0, 153, 43
Decimal	7248128
CIELab	58.13, -33.33, 60.80
CIELCh	58, 69.333, 118.733
Yxy	26.0975, 0.3712, 0.5435
Android (android.graphics.Color)	4285438208 (0xFF6E9900)
YUV	122.7010, -60.4916, -11.1388
Hunter-Lab	51.0857, -27.1204, 31.0063

Details

The Yxy color **26.0975, 0.3712, 0.5435** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.8128, 0.1691, 0.0705**, and the grayscale version is **19.9034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6737, 0.3672, 0.5001**, and **10.3435, 0.3471, 0.5626** is the 20% darker color. If you saturate the color by 10%, you get **26.0988, 0.3712, 0.5435**, and if you desaturate by 10%, it is **26.4166, 0.3732, 0.5340**.

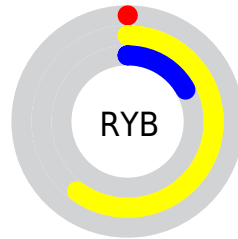
Distribution



Red (43%)

Green (60%)

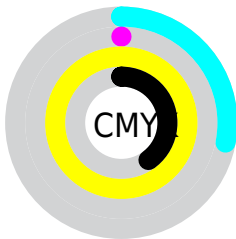
Blue (0%)



Red (0%)

Yellow (60%)

Blue (17%)

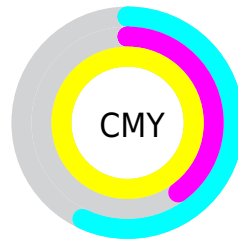


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (57%)


Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0975, 0.3712, 0.5435 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 26.0975, 0.3712, 0.5435 by changing the saturation by 10% instead.


 26.0975, 0.3712,
0.5435


 26.0975, 0.3712,
0.5435


283.2604, 0.3500,
0.4256


 16.8966, 0.3703,
0.5728


 53.4322, 0.3672,
0.4997

 10.1608, 0.3666,
0.6125


 72.3348, 0.3644,
0.4833


 5.5057, 0.3478,
0.6522

 95.2400, 0.3616,
0.4696

 2.5469, 0.3054,
0.6946

 122.5324, 0.3590,
0.4580


 0.9001, 0.0443,
0.9557

 154.5962, 0.3564,
0.4481

 0.0000, 0.0000,
0.0000


 191.8159, 0.3541,


0.4396

 234.5758, 0.3520,
0.4322


 26.0975, 0.3712,
0.5435


 26.0975, 0.3712,
0.5435


 26.0988, 0.3712,
0.5435

 26.4166, 0.3732,
0.5340

 26.7741, 0.3734,
0.5210

 27.1834, 0.3712,
0.5035

 27.6497, 0.3666,
0.4822

 28.1771, 0.3600,
0.4579

■ 28.7695, 0.3519,
0.4320

■ 29.4303, 0.3427,
0.4053

■ 30.1627, 0.3328,
0.3788

■ 30.9697, 0.3227,
0.3532

Harmonies

Analogous

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



26.0975, 0.4661, 0.4834



26.0975, 0.3712, 0.5435



26.0975, 0.2679, 0.5215

Triad

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



26.0975, 0.3712, 0.5435



26.0975, 0.1308, 0.1969



26.0975, 0.4459, 0.2603

Complementary

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



26.0975, 0.3712, 0.5435



2.8128, 0.1691, 0.0705

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.



26.0975, 0.3248, 0.2051



26.0975, 0.3712, 0.5435



26.0975, 0.1579, 0.1686

Square

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



26.0975, 0.3712, 0.5435



26.0975, 0.1369, 0.2712



26.0975, 0.2215, 0.1730



26.0975, 0.5268, 0.3287

Rectangle

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



26.0975, 0.3712, 0.5435



26.0975, 0.2068, 0.4461



26.0975, 0.2215, 0.1730



26.0975, 0.4067, 0.2399

Sweetspot

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



26.0988, 0.3712, 0.5435



52.6340, 0.3432, 0.4068



8.3442, 0.6016, 0.3605



11.5188, 0.3469, 0.4171



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.0988, 0.3712, 0.5435



46.6440, 0.3703, 0.5442



23.1516, 0.3097, 0.5923



7.1357, 0.3219, 0.3513



21.5880, 0.3715, 0.5432



0.3407, 0.3940, 0.5253

Inverse Universe

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



2.8128, 0.1691, 0.0705



4.9556, 0.1675, 0.0696



6.1025, 0.2633, 0.1224



6.1061, 0.3030, 0.3063



2.3398, 0.1698, 0.0709



0.0515, 0.2131, 0.0948

Previews

White Background



This preview shows how the Yxy color 26.0975, 0.3712, 0.5435 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 26.0975, 0.3712, 0.5435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

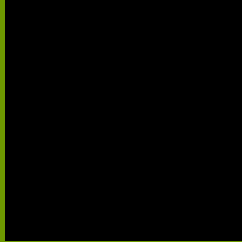
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0975, 0.3712, 0.5435

Background



This preview shows how black text looks on a background with the Yxy color 26.0975, 0.3712, 0.5435.



This preview shows how white text looks on a background with the Yxy color 26.0975, 0.3712, 0.5435.

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

26.0975, 0.3712, 0.5435

Protanopia

25.9243, 0.4394, 0.4893

Deuteranopia

25.8213, 0.4631, 0.4534



Tritanopia

25.9642, 0.2832, 0.3087

Trichromacy



Original Color

26.0975, 0.3712, 0.5435

Protanomaly

25.8262, 0.4135, 0.5099

Deuteranomaly

25.4752, 0.4297, 0.4879

Tritanomaly

25.3615, 0.3302, 0.4168

Monochromacy



Original Color

26.0975, 0.3712, 0.5435

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.4518, 0.3527, 0.4355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0975, 0.3712, 0.5435 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(110, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(110, 153, 0)  
}
```

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(110, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 153, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.0975, 0.3712, 0.5435 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(110, 153, 0) }
```

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

```
.border{ border-color:rgb(110, 153, 0) }
```

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

Here you see how a box with a 4 pixel rgb(110, 153, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(110, 153,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0975, 0.3712, 0.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 153, 0) }
```

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

```
.background{ background-color: rgb(110,  
153, 0) }
```

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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