

Converting Colors

$Yxy(26.7662, 0.3108, 0.5112)$

Have a look what the booklet for
Yxy(26.7662, 0.3108, 0.5112)
contains.

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Color

Yxy(26.6738, 0.3113, 0.5108)

Conversions

Conversions Part 1

Format	Color
Hex	4B9F41
RGB	75, 159, 65
RGB Percent	29%, 62%, 25%
CMY	0.7057, 0.3765, 0.7452
CMYK	0.53, 0.00, 0.59, 0.38
HSL	114°, 42%, 44%
HSV	114°, 59%, 62%
XYZ	16.2560, 26.6738, 9.2899
YIQ	123.1680, -19.8900, -47.0420

Conversions

Conversions Part 2

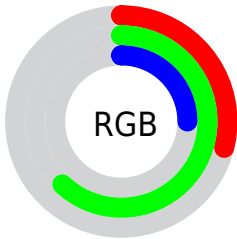
Format	Color
RYB	65, 159, 149
Decimal	4955969
CIELab	58.67, -44.32, 40.70
CIElCh	59, 60.168, 137.438
Yxy	26.6738, 0.3113, 0.5108
Android (android.graphics.Color)	4283146049 (0xFF4B9F41)
YUV	123.1680, -28.6768, -42.2433
Hunter-Lab	51.6467, -34.1982, 25.4880

Details

The Yxy color **26.6738, 0.3113, 0.5108** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **12.6657, 0.3048, 0.1880**, and the grayscale version is **19.9705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1794, 0.3157, 0.4679**, and **10.5677, 0.2978, 0.5856** is the 20% darker color. If you saturate the color by 10%, you get **26.0055, 0.3096, 0.5415**, and if you desaturate by 10%, it is **27.5240, 0.3125, 0.4773**.

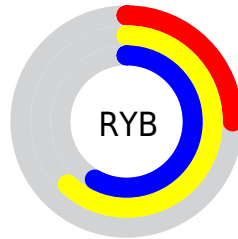
Distribution



Red (29%)

Green (62%)

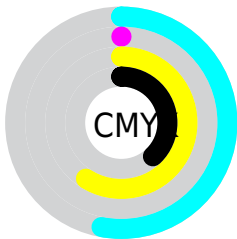
Blue (25%)



Red (25%)

Yellow (62%)

Blue (58%)

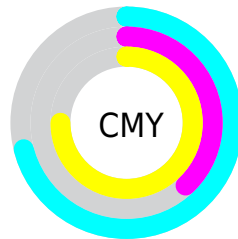


Cyan (53%)

Magenta (0%)

Yellow (59%)

Black (38%)



Cyan (71%)


Magenta (38%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6738, 0.3113, 0.5108 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 26.6738, 0.3113, 0.5108 by changing the saturation by 10% instead.


 26.6738, 0.3113,
0.5108


 26.6738, 0.3113,
0.5108


286.0742, 0.3174,
0.4052


 17.3284, 0.3066,
0.5422


 54.3600, 0.3155,
0.4686


 10.4689, 0.2978,
0.5853


 73.4695, 0.3164,
0.4540


 5.7109, 0.2815,
0.6491

 96.6026, 0.3169,
0.4420

 2.6701, 0.2486,
0.7514

 124.1435, 0.3172,
0.4321

 0.9620, 0.0000,
1.0000

 156.4768, 0.3174,
0.4238

 0.0000, 0.0000,
0.0000

193.9867, 0.3175,

0.4167

237.0577, 0.3175,
0.4105

■ 26.6738, 0.3113,
0.5108

■ 26.6738, 0.3113,
0.5108

■ 26.0055, 0.3096,
0.5415

■ 27.5240, 0.3125,
0.4773

■ 25.5027, 0.3075,
0.5670

■ 28.5646, 0.3132,
0.4431

■ 25.1515, 0.3051,
0.5854

■ 29.8073, 0.3135,
0.4102

■ 24.9299, 0.3031,
0.5968

■ 31.2622, 0.3135,
0.3795

■ 24.9152, 0.3029,
0.5977

■ 32.9386, 0.3131,
0.3517

■ 34.8451, 0.3127,
0.3270

■ 36.9902, 0.3121,
0.3053

■ 39.3815, 0.3114,
0.2864

■ 42.0267, 0.3107,
0.2699

Harmonies

Analogous

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



26.6738, 0.4028, 0.5038



26.6738, 0.3113, 0.5108



26.6738, 0.2249, 0.4331

Triad

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



26.6738, 0.3113, 0.5108



26.6738, 0.1613, 0.1923



26.6738, 0.4789, 0.3079

Complementary

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



26.6738, 0.3113, 0.5108



12.6657, 0.3048, 0.1880

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.



26.6738, 0.3902, 0.2483



26.6738, 0.3113, 0.5108



26.6738, 0.2069, 0.1848

Square

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



26.6738, 0.3113, 0.5108



26.6738, 0.1481, 0.2337



26.6738, 0.2867, 0.2048



26.6738, 0.5097, 0.3752

Rectangle

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



26.6738, 0.3113, 0.5108



26.6738, 0.1827, 0.3556



26.6738, 0.2867, 0.2048



26.6738, 0.4541, 0.2869

Sweetspot

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



26.6749, 0.3113, 0.5108



56.2105, 0.3134, 0.3772



28.9416, 0.4038, 0.4521



12.4994, 0.3135, 0.3853



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.



26.6749, 0.3113, 0.5108



46.2529, 0.3090, 0.5504



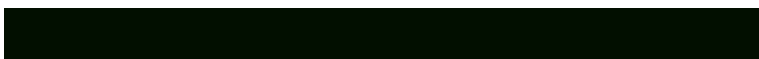
26.8591, 0.2803, 0.4447



7.4333, 0.3132, 0.3520



19.6888, 0.3032, 0.5974



0.3607, 0.3177, 0.5860

Inverse Universe

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



12.6657, 0.3048, 0.1880



18.7622, 0.3017, 0.1652



12.5785, 0.3767, 0.2398



6.7185, 0.3121, 0.3068



6.5292, 0.2946, 0.1397



0.1260, 0.3059, 0.1459

Previews

White Background



This preview shows how the Yxy color 26.6738, 0.3113, 0.5108 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 26.6738, 0.3113, 0.5108 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 26.6738, 0.3113, 0.5108

Background



This preview shows how black text looks on a background with the Yxy color 26.6738, 0.3113, 0.5108.



This preview shows how white text looks on a background with the Yxy color 26.6738, 0.3113, 0.5108.

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

26.6738, 0.3113, 0.5108

Protanopia

26.1399, 0.4121, 0.4511

Deuteranopia

26.2887, 0.4253, 0.4186



Tritanopia

26.5010, 0.2544, 0.3079

Trichromacy



Original Color

26.6738, 0.3113, 0.5108

Protanomaly

25.7164, 0.3704, 0.4756

Deuteranomaly

25.3930, 0.3787, 0.4533

Tritanomaly

26.3635, 0.2765, 0.3801

Monochromacy



Original Color

26.6738, 0.3113, 0.5108

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.6318, 0.3139, 0.3960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6738, 0.3113, 0.5108 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(75, 159, 65)` looks like.

```
.text, #text, p{  
    color:rgb(75, 159, 65)  
}
```

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(75, 159, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 159, 65) }
```

Border

The CSS property to change the border of an element to Yxy 26.6738, 0.3113, 0.5108 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(75, 159, 65) }
```

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

```
.border{ border-color:rgb(75, 159, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 159, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 159, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 159, 65);  
box-shadow:4px 4px 4px 4px rgb(75, 159,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6738, 0.3113, 0.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 159, 65) }
```

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

```
.background{ background-color: rgb(75, 159,  
65) }
```

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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