

Converting Colors

$Y_{xy}(26.6454, 0.3264, 0.5768)$

Have a look what the booklet for
Yxy(26.6454, 0.3264, 0.5768)
contains.

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Color

Yxy(26.6918, 0.3261, 0.5772)

Conversions

Conversions Part 1

Format	Color
Hex	43A104
RGB	67, 161, 4
RGB Percent	26%, 63%, 2%
CMY	0.7374, 0.3686, 0.9843
CMYK	0.58, 0.00, 0.98, 0.37
HSL	96°, 95%, 32%
HSV	96°, 98%, 63%
XYZ	15.0800, 26.6918, 4.4718
YIQ	114.9960, -5.6270, -68.7550

Conversions

Conversions Part 2

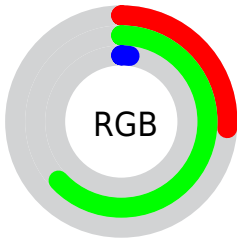
Format	Color
RYB	4, 161, 98
Decimal	4432132
CIELab	58.69, -51.25, 59.77
CIELCh	59, 78.733, 130.612
Yxy	26.6918, 0.3261, 0.5772
Android (android.graphics.Color)	4282622212 (0xFF43A104)
YUV	114.9960, -54.7210, -42.0925
Hunter-Lab	51.6641, -38.3105, 31.0331

Details

The Yxy color **26.6918, 0.3261, 0.5772** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5.2590, 0.2263, 0.1033**, and the grayscale version is **17.3121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5557, 0.3320, 0.5226**, and **10.7251, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.6012, 0.3249, 0.5802**, and if you desaturate by 10%, it is **27.1046, 0.3308, 0.5639**.

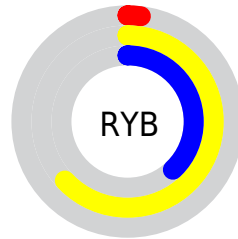
Distribution



Red (26%)

Green (63%)

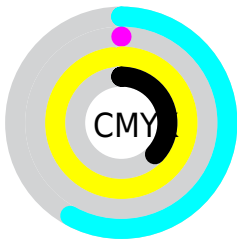
Blue (2%)



Red (2%)

Yellow (63%)

Blue (38%)

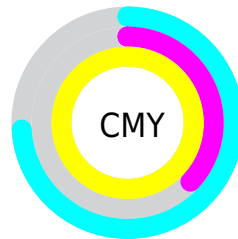


Cyan (58%)

Magenta (0%)

Yellow (98%)

Black (37%)



Cyan (74%)


Magenta (37%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6918, 0.3261, 0.5772 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 26.6918, 0.3261, 0.5772 by changing the saturation by 10% instead.


 26.6918, 0.3261,
0.5772


 26.6918, 0.3261,
0.5772


286.1618, 0.3308,
0.4357


 17.3419, 0.3179,
0.6151


 54.3889, 0.3322,
0.5228


 10.4786, 0.3033,
0.6659


 73.5049, 0.3330,
0.5031


 5.7174, 0.2731,
0.7269

 96.6450, 0.3332,
0.4868

 2.6740, 0.2110,
0.7890

 124.1937, 0.3330,
0.4732


 0.9640, 0.0000,
1.0000

 156.5353, 0.3325,
0.4616

 0.0000, 0.0000,
0.0000

 194.0543, 0.3320,


0.4517


 237.1350, 0.3314,
0.4432


 26.6918, 0.3261,
0.5772


 26.6918, 0.3261,
0.5772


 26.6012, 0.3249,
0.5802

 27.1046, 0.3308,
0.5639

 27.6112, 0.3342,
0.5450

 28.2240, 0.3356,
0.5209

 28.9505, 0.3353,
0.4930

 29.7975, 0.3334,
0.4629

■ 30.7710, 0.3302,
0.4322

■ 31.8767, 0.3261,
0.4022

■ 33.1198, 0.3215,
0.3737

■ 34.5054, 0.3165,
0.3473

Harmonies

Analogous

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



26.6918, 0.4364, 0.5272



26.6918, 0.3261, 0.5772



26.6918, 0.2181, 0.5040

Triad

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



26.6918, 0.3261, 0.5772



26.6918, 0.1228, 0.1665



26.6918, 0.5074, 0.2797

Complementary

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



26.6918, 0.3261, 0.5772



5.2590, 0.2263, 0.1033

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.



26.6918, 0.3796, 0.2143



26.6918, 0.3261, 0.5772



26.6918, 0.1655, 0.1526

Square

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



26.6918, 0.3261, 0.5772



26.6918, 0.1144, 0.2228



26.6918, 0.2510, 0.1695



26.6918, 0.5614, 0.3544

Rectangle

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



26.6918, 0.3261, 0.5772



26.6918, 0.1626, 0.3968



26.6918, 0.2510, 0.1695



26.6918, 0.4698, 0.2564

Sweetspot

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



26.6929, 0.3261, 0.5772



56.6621, 0.3270, 0.4082



15.8772, 0.5109, 0.4299



12.2509, 0.3287, 0.4202



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.



26.6929, 0.3261, 0.5772



47.5285, 0.3237, 0.5812



25.5584, 0.2983, 0.5910



8.0272, 0.3174, 0.3518



21.2663, 0.3255, 0.5797



0.4740, 0.3558, 0.5557

Inverse Universe

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



5.2590, 0.2263, 0.1033



8.9862, 0.2222, 0.0998



9.8002, 0.3421, 0.1670



7.0598, 0.3076, 0.3064



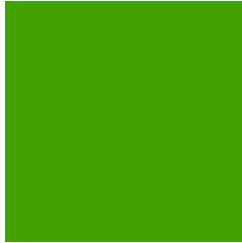
4.0840, 0.2246, 0.1011



0.1122, 0.2604, 0.1208

Previews

White Background



This preview shows how the Yxy color 26.6918, 0.3261, 0.5772 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 26.6918, 0.3261, 0.5772 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 26.6918, 0.3261, 0.5772

Background



This preview shows how black text looks on a background with the Yxy color 26.6918, 0.3261, 0.5772.



This preview shows how white text looks on a background with the Yxy color 26.6918, 0.3261, 0.5772.

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

26.6918, 0.3261, 0.5772

Deuteranopia

26.1207, 0.4594, 0.4515

Tritanopia

26.6966, 0.2519, 0.3078

Trichromacy



Original Color

26.6918, 0.3261, 0.5772

Deuteranomaly

24.9410, 0.4056, 0.5025

Tritanomaly

25.9701, 0.2893, 0.4251

Monochromacy



Original Color

26.6918, 0.3261, 0.5772

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

19.6072, 0.3321, 0.4473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6918, 0.3261, 0.5772 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(67, 161, 4)` looks like.

```
.text, #text, p{  
    color:rgb(67, 161, 4)  
}
```

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(67, 161, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 161, 4) }
```

Border

The CSS property to change the border of an element to Yxy 26.6918, 0.3261, 0.5772 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(67, 161, 4) }
```

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

```
.border{ border-color:rgb(67, 161, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 161, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 161, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 161, 4);  
box-shadow:4px 4px 4px 4px rgb(67, 161, 4)  
}
```

Background

The CSS property to change the background color of an element to Yxy 26.6918, 0.3261, 0.5772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 161, 4) }
```

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

```
.background{ background-color: rgb(67, 161,  
4) }
```

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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