

Converting Colors

$Y_{xy}(26.1382, 0.5703, 0.3515)$

Have a look what the booklet for
Yxy(26.1382, 0.5703, 0.3515)
contains.

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Color

Yxy(26.2549, 0.5702, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	F95132
RGB	249, 81, 50
RGB Percent	98%, 32%, 20%
CMY	0.0236, 0.6822, 0.8040
CMYK	0.00, 0.67, 0.80, 0.02
HSL	9°, 94%, 59%
HSV	9°, 80%, 98%
XYZ	42.5783, 26.2549, 5.8394
YIQ	127.6980, 110.0790, 25.9750

Conversions

Conversions Part 2

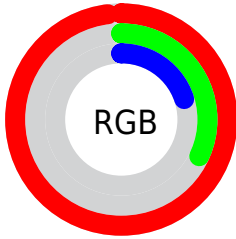
Format	Color
R_{YB}	249, 87, 50
Decimal	16339250
CIE _{Lab}	58.28, 62.41, 52.64
CIE _{LCh}	58, 81.650, 40.147
Yxy	26.2549, 0.5702, 0.3516
Android (android.graphics.Color)	4294529330 (0xFFFF95132)
YUV	127.6980, -38.3051, 106.3819
Hunter-Lab	51.2395, 58.6583, 29.1108

Details

The Yxy color **26.2549, 0.5702, 0.3516** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **57.6158, 0.2178, 0.2888**, and the grayscale version is **21.5882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3378, 0.4791, 0.3676**, and **10.2338, 0.6393, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **23.4406, 0.6044, 0.3468**, and if you desaturate by 10%, it is **30.1549, 0.5284, 0.3535**.

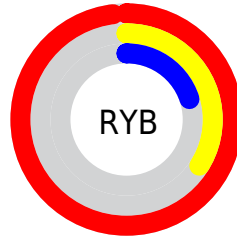
Distribution



Red (98%)

Green (32%)

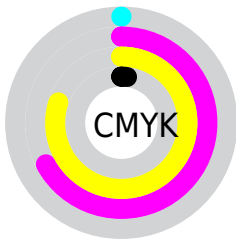
Blue (20%)



Red (98%)

Yellow (34%)

Blue (20%)

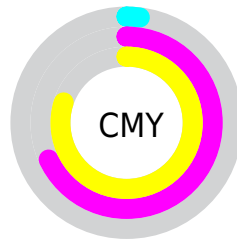


Cyan (0%)

Magenta (67%)

Yellow (80%)

Black (2%)



Cyan (2%)


Magenta (68%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2549, 0.5702, 0.3516 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 26.2549, 0.5702, 0.3516 by changing the saturation by 10% instead.


 26.2549, 0.5702,
0.3516


 26.2549, 0.5702,
0.3516


284.0311, 0.4355,
0.3556


 17.0144, 0.6017,
0.3441


 53.6859, 0.5219,
0.3577

 10.2448, 0.6391,
0.3308


 72.6452, 0.5034,
0.3585


 5.5616, 0.6895,
0.3105

 95.6129, 0.4876,
0.3587

 2.5804, 0.7323,
0.2677

 122.9734, 0.4741,
0.3584

 0.9168, 0.7945,
0.2055

 155.1110, 0.4625,
0.3579

 0.0000, 1.0000,
0.0000

 192.4103, 0.4523,

 0.0000, 0.0000,

0.3572

0.0000

235.2555, 0.4434,
0.3564

■ 26.2549, 0.5702,
0.3516

■ 26.2549, 0.5702,
0.3516

■ 23.4406, 0.6044,
0.3468

■ 30.1549, 0.5284,
0.3535

■ 21.5878, 0.6270,
0.3402


■ 35.2332, 0.4848,
0.3526

■ 21.5769, 0.6272,
0.3402


■ 41.5775, 0.4436,
0.3499


■ 49.2658, 0.4073,
0.3460

■ 58.3698, 0.3765,
0.3416

 68.9559, 0.3509,
0.3372

 81.0864, 0.3298,
0.3329

 94.8201, 0.3126,
0.3290

 98.8751, 0.3090,
0.3290

Harmonies

Analogous

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



26.2549, 0.5137, 0.2760



26.2549, 0.5702, 0.3516



26.2549, 0.5327, 0.4368

Triad

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



26.2549, 0.5702, 0.3516



26.2549, 0.2151, 0.5152



26.2549, 0.1600, 0.1475

Complementary

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



26.2549, 0.5702, 0.3516



57.6158, 0.2178, 0.2888

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.



26.2549, 0.1172, 0.1618



26.2549, 0.5702, 0.3516



26.2549, 0.1378, 0.3451

Square

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



26.2549, 0.5702, 0.3516



26.2549, 0.3259, 0.5878



26.2549, 0.1089, 0.2195



26.2549, 0.2467, 0.1644

Rectangle

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



26.2549, 0.5702, 0.3516



26.2549, 0.4742, 0.4999



26.2549, 0.1089, 0.2195



26.2549, 0.1414, 0.1485

Sweetspot

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



26.2564, 0.5702, 0.3516



68.0243, 0.3608, 0.3390



27.5362, 0.3530, 0.1834



13.7175, 0.3701, 0.3406



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.2564, 0.5702, 0.3516



23.4297, 0.6196, 0.3426



52.7373, 0.4698, 0.4439



17.6625, 0.3290, 0.3328



11.6815, 0.6251, 0.3418



1.2058, 0.6052, 0.3576

Inverse Universe

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



57.6158, 0.2178, 0.2888



56.8049, 0.2115, 0.2798



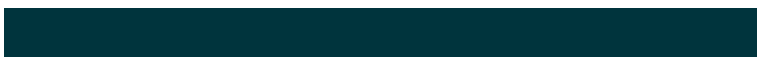
20.8602, 0.1814, 0.1509



19.1199, 0.2980, 0.3252



28.5430, 0.2107, 0.2785



2.7638, 0.2126, 0.2852

Previews

White Background



This preview shows how the Yxy color 26.2549, 0.5702, 0.3516 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 26.2549, 0.5702, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

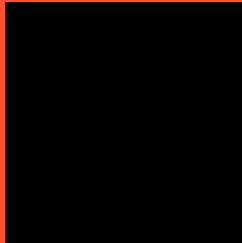
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2549, 0.5702, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 26.2549, 0.5702, 0.3516.



This preview shows how white text looks on a background with the Yxy color 26.2549, 0.5702, 0.3516.

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

26.2549, 0.5702, 0.3516

Protanopia

26.5229, 0.4047, 0.4426

Deuteranopia

26.2435, 0.4600, 0.4501



Tritanopia

26.2258, 0.5422, 0.3264

Trichromacy



Original Color

26.2549, 0.5702, 0.3516

Protanomaly

24.4777, 0.4718, 0.4027

Deuteranomaly

24.8843, 0.5079, 0.4073

Tritanomaly

26.2150, 0.5542, 0.3359

Monochromacy



Original Color

26.2549, 0.5702, 0.3516

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.0596, 0.4107, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2549, 0.5702, 0.3516 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(249, 81, 50)` looks like.

```
.text, #text, p{  
    color:rgb(249, 81, 50)  
}
```

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(249, 81, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 81, 50) }
```

Border

The CSS property to change the border of an element to Yxy 26.2549, 0.5702, 0.3516 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(249, 81, 50) }
```

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

```
.border{ border-color:rgb(249, 81, 50) }
```

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

Here you see how a box with a 4 pixel rgb(249, 81, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 81, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 81, 50);  
box-shadow:4px 4px 4px 4px rgb(249, 81,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2549, 0.5702, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 81, 50) }
```

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

```
.background{ background-color: rgb(249, 81,  
50) }
```

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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