

Converting Colors

$Yxy(24.9405, 0.5973, 0.3436)$

Have a look what the booklet for
Yxy(24.9405, 0.5973, 0.3436)
contains.

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Color

Yxy(24.9486, 0.5973, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	FF3F25
RGB	255, 63, 37
RGB Percent	100%, 25%, 15%
CMY	0.0000, 0.7530, 0.8548
CMYK	0.00, 0.75, 0.85, 0.00
HSL	7°, 100%, 57%
HSV	7°, 85%, 100%
XYZ	43.3570, 24.9486, 4.2827
YIQ	117.4440, 122.7780, 32.6180

Conversions

Conversions Part 2

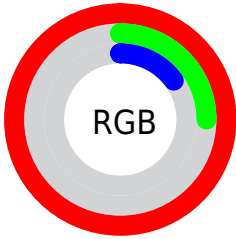
Format	Color
R_{YB}	255, 67, 37
Decimal	16727845
CIE _{Lab}	57.03, 70.13, 57.89
CIE _{LCh}	57, 90.937, 39.537
Yxy	24.9486, 0.5973, 0.3437
Android (android.graphics.Color)	4294917925 (0xFFFF3F25)
YUV	117.4440, -39.6589, 120.6366
Hunter-Lab	49.9486, 67.5338, 29.8803

Details

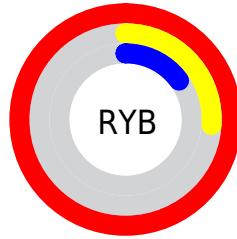
The Yxy color **24.9486, 0.5973, 0.3437** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **63.6773, 0.2179, 0.2962**, and the grayscale version is **18.0282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3472, 0.5030, 0.3647**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **22.8381, 0.6239, 0.3386**, and if you desaturate by 10%, it is **28.1808, 0.5587, 0.3468**.

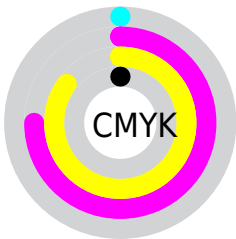
Distribution



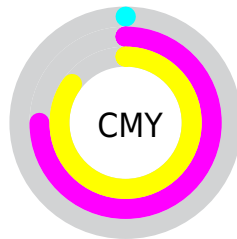
- Red (100%)
- Green (25%)
- Blue (15%)



- Red (100%)
- Yellow (26%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (85%)
- Black (0%)





- Cyan (0%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9486, 0.5973, 0.3437 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 24.9486, 0.5973, 0.3437 by changing the saturation by 10% instead.


 24.9486, 0.5973,
0.3437


 24.9486, 0.5973,
0.3437


277.5819, 0.4500,
0.3559


 16.0388, 0.6301,
0.3329


 51.5738, 0.5455,
0.3539


 9.5516, 0.6703,
0.3160

 70.0580, 0.5253,
0.3560


 5.1027, 0.7133,
0.2867

 92.5024, 0.5080,
0.3570

 2.3076, 0.7597,
0.2403

 119.2915, 0.4931,
0.3574

 0.7777, 0.8261,
0.1739

 150.8095, 0.4801,
0.3573

 0.0000, 1.0000,
0.0000

 187.4410, 0.4688,

 0.0000, 0.0000,

0.3570

0.0000

229.5704, 0.4588,
0.3565

■ 24.9486, 0.5973,
0.3437

■ 24.9486, 0.5973,
0.3437

■ 22.8381, 0.6239,
0.3386

■ 28.1808, 0.5587,
0.3468


■ 22.2071, 0.6319,
0.3364

■ 32.6708, 0.5143,
0.3475

■ 38.5285, 0.4699,
0.3463

■ 45.8535, 0.4293,
0.3438

■ 54.7359, 0.3944,
0.3406

 65.2587, 0.3652,
0.3372

 77.4987, 0.3413,
0.3338

 91.5282, 0.3218,
0.3306

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



24.9486, 0.5364, 0.2660



24.9486, 0.5973, 0.3437



24.9486, 0.5503, 0.4338

Triad

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



24.9486, 0.5973, 0.3437



24.9486, 0.2022, 0.5484



24.9486, 0.1447, 0.1323

Complementary

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



24.9486, 0.5973, 0.3437



63.6773, 0.2179, 0.2962

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.



24.9486, 0.1012, 0.1466



24.9486, 0.5973, 0.3437



24.9486, 0.1208, 0.3477

Square

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



24.9486, 0.5973, 0.3437



24.9486, 0.3206, 0.6206



24.9486, 0.0923, 0.2069



24.9486, 0.2359, 0.1495

Rectangle

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



24.9486, 0.5973, 0.3437



24.9486, 0.4839, 0.5056



24.9486, 0.0923, 0.2069



24.9486, 0.1257, 0.1332

Sweetspot

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



24.9467, 0.5973, 0.3437



64.6697, 0.3666, 0.3374



28.2738, 0.3476, 0.1751



13.0276, 0.3761, 0.3386



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.



24.9467, 0.5973, 0.3437



22.2071, 0.6319, 0.3364



50.6873, 0.4868, 0.4389



18.3353, 0.3292, 0.3319



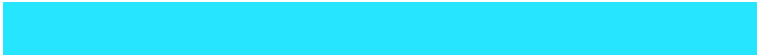
11.7126, 0.6302, 0.3378



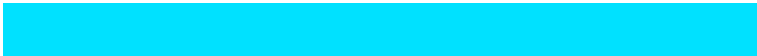
1.2464, 0.6138, 0.3508

Inverse Universe

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



63.6773, 0.2179, 0.2962



60.8739, 0.2140, 0.2902



21.1873, 0.1776, 0.1470



20.0903, 0.2980, 0.3261



31.9544, 0.2142, 0.2909



3.2111, 0.2155, 0.2957

Previews

White Background



This preview shows how the Yxy color 24.9486, 0.5973, 0.3437 looks on a white background.

Color Contrast Check

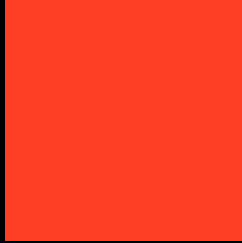
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9486, 0.5973, 0.3437 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 24.9486, 0.5973, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 24.9486, 0.5973, 0.3437.



This preview shows how white text looks on a background with the Yxy color 24.9486, 0.5973, 0.3437.

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

24.9486, 0.5973, 0.3437

Protanopia

24.9395, 0.4145, 0.4539

Deuteranopia

24.8495, 0.4710, 0.4642



Tritanopia

24.9453, 0.5776, 0.3291

Trichromacy



Original Color

24.9486, 0.5973, 0.3437

Protanomaly

22.3124, 0.4943, 0.4033

Deuteranomaly

23.0336, 0.5318, 0.4103

Tritanomaly

24.9623, 0.5857, 0.3353

Monochromacy



Original Color

24.9486, 0.5973, 0.3437

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.4695, 0.4318, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9486, 0.5973, 0.3437 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(255, 63, 37)` looks like.

```
.text, #text, p{  
  color:rgb(255, 63, 37)  
}
```

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(255, 63, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 37) }
```

Border

The CSS property to change the border of an element to Yxy 24.9486, 0.5973, 0.3437 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(255, 63, 37) }
```

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

```
.border{ border-color:rgb(255, 63, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 63, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 63, 37); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 63, 37); box-shadow:4px 4px 4px 4px rgb(255, 63, 37) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9486, 0.5973, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 63, 37) }
```

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

```
.background{ background-color: rgb(255, 63,  
37) }
```

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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