

Converting Colors

$Y_{xy}(24.8805, 0.5954, 0.3416)$

Have a look what the booklet for
Yxy(24.8805, 0.5954, 0.3416)
contains.

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Color

Yxy(24.8653, 0.5953, 0.3414)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF3E29 |
| RGB | 255, 62, 41 |
| RGB Percent | 100%, 24%, 16% |
| CMY | 0.0001, 0.7567, 0.8393 |
| CMYK | 0.00, 0.76, 0.84, 0.00 |
| HSL | 6°, 100%, 58% |
| HSV | 6°, 84%, 100% |
| XYZ | 43.3577, 24.8653, 4.6103 |
| YIQ | 117.3130, 121.7690, 34.3850 |

Conversions

Conversions Part 2

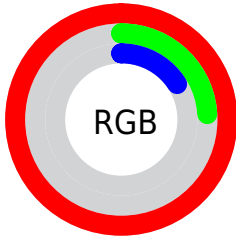
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 255, 64, 41 |
| Decimal | 16727593 |
| CIE Lab | 56.94, 70.48, 56.06 |
| CIE LCh | 57, 90.058, 38.495 |
| Yxy | 24.8653, 0.5953, 0.3414 |
| Android (android.graphics.Color) | 4294917673 (0xFFFF3E29) |
| YUV | 117.3130, -37.6223, 120.7515 |
| Hunter-Lab | 49.8651, 67.9417, 29.4238 |

Details

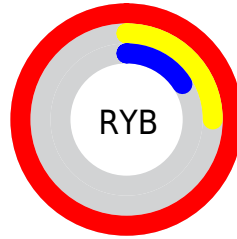
The Yxy color **24.8653, 0.5953, 0.3414** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **66.4875, 0.2201, 0.3026**, and the grayscale version is **17.9884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4135, 0.4992, 0.3614**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **22.7473, 0.6235, 0.3373**, and if you desaturate by 10%, it is **28.1581, 0.5553, 0.3438**.

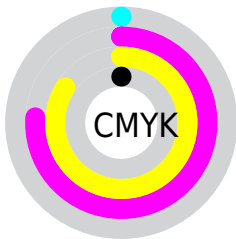
Distribution



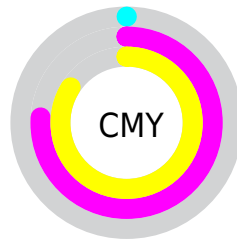
- Red (100%)
- Green (24%)
- Blue (16%)



- Red (100%)
- Yellow (25%)
- Blue (16%)



- Cyan (0%)
- Magenta (76%)
- Yellow (84%)
- Black (0%)





- Cyan (0%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8653, 0.5953, 0.3414 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 24.8653, 0.5953, 0.3414 by changing the saturation by 10% instead.


 24.8653, 0.5953,
0.3414

 24.8653, 0.5953,
0.3414


277.1665, 0.4483,
0.3540


 15.9767, 0.6286,
0.3308


 51.4386, 0.5433,
0.3515

 9.5077, 0.6686,
0.3137


 69.8922, 0.5231,
0.3536


 5.0738, 0.7145,
0.2855

 92.3028, 0.5058,
0.3547

 2.2906, 0.7610,
0.2390

 119.0549, 0.4910,
0.3551

 0.7687, 0.8278,
0.1722

 150.5330, 0.4781,
0.3552

 0.0000, 1.0000,
0.0000

 187.1213, 0.4669,

 0.0000, 0.0000,

0.3549

0.0000

229.2044, 0.4570,
0.3545

■ 24.8653, 0.5953,
0.3414

■ 24.8653, 0.5953,
0.3414

■ 22.7473, 0.6235,
0.3373

■ 28.1581, 0.5553,
0.3438


■ 21.9560, 0.6340,
0.3348


■ 32.7589, 0.5099,
0.3442

■ 38.7878, 0.4651,
0.3430

■ 46.3501, 0.4247,
0.3409

■ 55.5409, 0.3901,
0.3382

 66.4478, 0.3614,
0.3354

 79.1520, 0.3381,
0.3326

 93.7297, 0.3191,
0.3300

99.9964, 0.3127,
0.3290

Harmonies

Analogous

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



24.8653, 0.5304, 0.2640



24.8653, 0.5953, 0.3414



24.8653, 0.5521, 0.4305

Triad

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



24.8653, 0.5953, 0.3414



24.8653, 0.2070, 0.5519



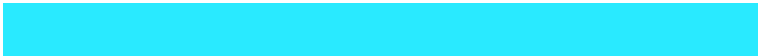
24.8653, 0.1434, 0.1333

Complementary

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



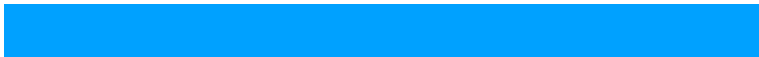
24.8653, 0.5953, 0.3414



66.4875, 0.2201, 0.3026

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.



24.8653, 0.1014, 0.1488



24.8653, 0.5953, 0.3414



24.8653, 0.1240, 0.3543

Square

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



24.8653, 0.5953, 0.3414



24.8653, 0.3256, 0.6174



24.8653, 0.0938, 0.2112



24.8653, 0.2323, 0.1494

Rectangle

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



24.8653, 0.5953, 0.3414



24.8653, 0.4873, 0.5013



24.8653, 0.0938, 0.2112



24.8653, 0.1251, 0.1346

Sweetspot

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



24.8668, 0.5953, 0.3414



65.2041, 0.3643, 0.3357



28.9641, 0.3390, 0.1713



13.1074, 0.3739, 0.3367



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.



24.8668, 0.5953, 0.3414



21.9596, 0.6340, 0.3348



48.6216, 0.4913, 0.4325



18.2745, 0.3292, 0.3314



11.5687, 0.6325, 0.3360



1.2179, 0.6180, 0.3475

Inverse Universe

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



66.4875, 0.2201, 0.3026



63.7571, 0.2159, 0.2972



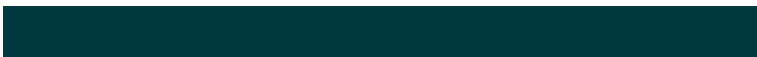
23.6946, 0.1817, 0.1597



20.1577, 0.2980, 0.3266



33.4393, 0.2160, 0.2977



3.3407, 0.2171, 0.3016

Previews

White Background



This preview shows how the Yxy color 24.8653, 0.5953, 0.3414 looks on a white background.

Color Contrast Check

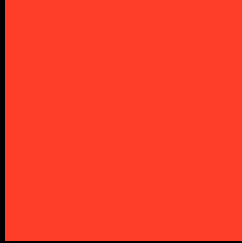
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8653, 0.5953, 0.3414 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 24.8653, 0.5953, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 24.8653, 0.5953, 0.3414.



This preview shows how white text looks on a background with the Yxy color 24.8653, 0.5953, 0.3414.

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

24.8653, 0.5953, 0.3414

Protanopia

24.8930, 0.4093, 0.4486

Deuteranopia

24.8812, 0.4679, 0.4602



Tritanopia

24.8395, 0.5783, 0.3285

Trichromacy



Original Color

24.8653, 0.5953, 0.3414

Protanomaly

22.2277, 0.4888, 0.3994

Deuteranomaly

22.8656, 0.5290, 0.4053

Tritanomaly

24.8638, 0.5854, 0.3341

Monochromacy



Original Color

24.8653, 0.5953, 0.3414

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.4861, 0.4302, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8653, 0.5953, 0.3414 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, 62, 41)` looks like.

```
.text, #text, p{  
  color:rgb(255, 62, 41)  
}
```

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, 62, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 41) }
```

Border

The CSS property to change the border of an element to Yxy 24.8653, 0.5953, 0.3414 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, 62, 41) }
```

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

```
.border{ border-color:rgb(255, 62, 41) }
```

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

Here you see how a box with a 4 pixel rgb(255, 62, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 41);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8653, 0.5953, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 41) }
```

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

```
.background{ background-color: rgb(255, 62,  
41) }
```

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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