

Converting Colors

$Yxy(24.3670, 0.5782, 0.3569)$

Have a look what the booklet for
Yxy(24.3670, 0.5782, 0.3569)
contains.

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Color

Yxy(24.2895, 0.5779, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	F14E26
RGB	241, 78, 38
RGB Percent	95%, 31%, 15%
CMY	0.0549, 0.6941, 0.8507
CMYK	0.00, 0.68, 0.84, 0.05
HSL	12°, 88%, 55%
HSV	12°, 84%, 95%
XYZ	39.3521, 24.2895, 4.4534
YIQ	122.1770, 109.9880, 22.1160

Conversions

Conversions Part 2

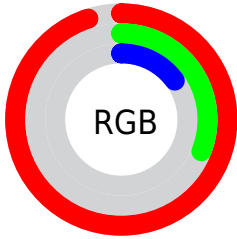
Format	Color
R_{YB}	241, 88, 38
Decimal	15814182
CIE _{Lab}	56.38, 60.69, 55.88
CIE _{LCh}	56, 82.498, 42.635
Yxy	24.2895, 0.5779, 0.3567
Android (android.graphics.Color)	4294004262 (0xFFFF14E26)
YUV	122.1770, -41.4993, 104.2078
Hunter-Lab	49.2844, 56.2793, 29.1415

Details

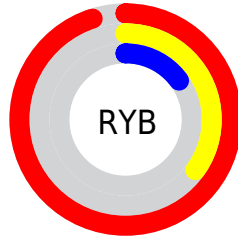
The Yxy color **24.2895, 0.5779, 0.3567** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **48.5700, 0.2126, 0.2748**, and the grayscale version is **19.6372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2925, 0.4918, 0.3740**, and **9.2301, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **21.8246, 0.6078, 0.3500**, and if you desaturate by 10%, it is **27.6671, 0.5394, 0.3600**.

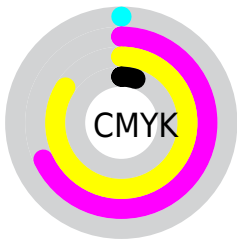
Distribution



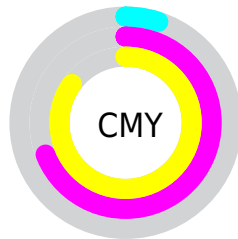
- Red (95%)
- Green (31%)
- Blue (15%)



- Red (95%)
- Yellow (35%)
- Blue (15%)



- Cyan (0%)
- Magenta (68%)
- Yellow (84%)
- Black (5%)




- Cyan (5%)
- Magenta (69%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.2895, 0.5779, 0.3567 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 24.2895, 0.5779, 0.3567 by changing the saturation by 10% instead.


 24.2895, 0.5779,
0.3567

 24.2895, 0.5779,
0.3567


274.2808, 0.4391,
0.3600


 15.5485, 0.6097,
0.3483


 50.5022, 0.5285,
0.3633


 9.2052, 0.6486,
0.3341


 68.7427, 0.5094,
0.3641


 4.8753, 0.6921,
0.3079

 90.9185, 0.4931,
0.3641

 2.1743, 0.7374,
0.2626

 117.4140, 0.4791,
0.3636

 0.7059, 0.8069,
0.1931

 148.6136, 0.4670,
0.3628

 0.0000, 1.0000,
0.0000

 184.9017, 0.4565,

 0.0000, 0.0000,

0.3619

0.0000

226.6626, 0.4472,
0.3610

■ 24.2895, 0.5779,
0.3567

■ 24.2895, 0.5779,
0.3567

■ 21.8246, 0.6078,
0.3500

■ 27.6671, 0.5394,
0.3600


■ 20.7689, 0.6206,
0.3454


■ 32.0345, 0.4975,
0.3598


■ 37.4648, 0.4566,
0.3570

■ 44.0229, 0.4196,
0.3525

■ 51.7683, 0.3876,
0.3472

 60.7563, 0.3605,
0.3416

 71.0389, 0.3381,
0.3362

 82.6646, 0.3195,
0.3311

 95.6799, 0.3042,
0.3263

Harmonies

Analogous

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



24.2895, 0.5295, 0.2798



24.2895, 0.5779, 0.3567



24.2895, 0.5309, 0.4447

Triad

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



24.2895, 0.5779, 0.3567



24.2895, 0.2026, 0.5101



24.2895, 0.1614, 0.1434

Complementary

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



24.2895, 0.5779, 0.3567



48.5700, 0.2126, 0.2748

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.



24.2895, 0.1149, 0.1546



24.2895, 0.5779, 0.3567



24.2895, 0.1285, 0.3310

Square

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



24.2895, 0.5779, 0.3567



24.2895, 0.3142, 0.5976



24.2895, 0.1035, 0.2083



24.2895, 0.2540, 0.1630

Rectangle

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



24.2895, 0.5779, 0.3567



24.2895, 0.4677, 0.5105



24.2895, 0.1035, 0.2083



24.2895, 0.1414, 0.1435

Sweetspot

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



24.2909, 0.5779, 0.3567



68.1210, 0.3627, 0.3421



24.4421, 0.3639, 0.1859



13.7842, 0.3718, 0.3441



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.



24.2909, 0.5779, 0.3567



23.5567, 0.6210, 0.3451



50.1839, 0.4701, 0.4511



16.2623, 0.3288, 0.3337



11.4106, 0.6182, 0.3474



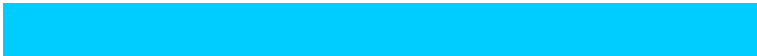
1.0839, 0.5940, 0.3665

Inverse Universe

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



48.5700, 0.2126, 0.2748



50.7964, 0.2065, 0.2633



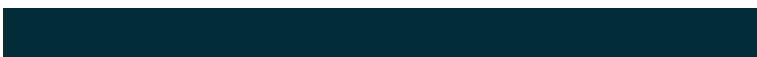
16.3322, 0.1744, 0.1327



17.3695, 0.2981, 0.3242



24.4579, 0.2069, 0.2647



2.1679, 0.2095, 0.2741

Previews

White Background



This preview shows how the Yxy color 24.2895, 0.5779, 0.3567 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 24.2895, 0.5779, 0.3567 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 24.2895, 0.5779, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 24.2895, 0.5779, 0.3567.



This preview shows how white text looks on a background with the Yxy color 24.2895, 0.5779, 0.3567.

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

24.2895, 0.5779, 0.3567

Protanopia

24.4447, 0.4146, 0.4563

Deuteranopia

24.3929, 0.4668, 0.4604



Tritanopia

24.3106, 0.5438, 0.3272

Trichromacy



Original Color

24.2895, 0.5779, 0.3567

Protanomaly

22.6652, 0.4817, 0.4130

Deuteranomaly

22.9495, 0.5164, 0.4159

Tritanomaly

24.2683, 0.5593, 0.3391

Monochromacy



Original Color

24.2895, 0.5779, 0.3567

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.0627, 0.4177, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2895, 0.5779, 0.3567 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(241, 78, 38)` looks like.

```
.text, #text, p{  
    color:rgb(241, 78, 38)  
}
```

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(241, 78, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 78, 38) }
```

Border

The CSS property to change the border of an element to Yxy 24.2895, 0.5779, 0.3567 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(241, 78, 38) }
```

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

```
.border{ border-color:rgb(241, 78, 38) }
```

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

Here you see how a box with a 4 pixel rgb(241, 78, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 78, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 78, 38);  
box-shadow:4px 4px 4px 4px rgb(241, 78,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2895, 0.5779, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 78, 38) }
```

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

```
.background{ background-color: rgb(241, 78,  
38) }
```

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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