

Converting Colors

$Y_{xy}(26.2387, 0.5576, 0.3430)$

Have a look what the booklet for
Yxy(26.2387, 0.5576, 0.3430)
contains.

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Color

Yxy(26.2115, 0.5569, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	F85140
RGB	248, 81, 64
RGB Percent	97%, 32%, 25%
CMY	0.0274, 0.6824, 0.7489
CMYK	0.00, 0.67, 0.74, 0.03
HSL	6°, 93%, 61%
HSV	6°, 74%, 97%
XYZ	42.5822, 26.2115, 7.6692
YIQ	128.9950, 104.9890, 30.1170

Conversions

Conversions Part 2

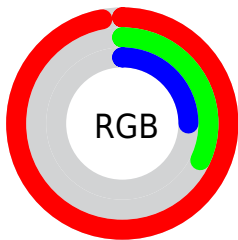
Format	Color
R_YB	248, 83, 64
Decimal	16273728
CIE Lab	58.24, 62.60, 45.40
CIE LCh	58, 77.331, 35.950
Yxy	26.2115, 0.5569, 0.3428
Android (android.graphics.Color)	4294463808 (0xFFFF85140)
YUV	128.9950, -32.0425, 104.3674
Hunter-Lab	51.1972, 58.8688, 26.9565

Details

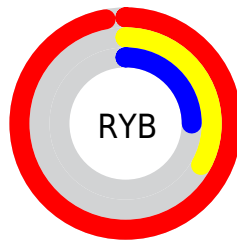
The Yxy color **26.2115, 0.5569, 0.3428** is a dark color, and the websafe version is hex **FF3333**. The color can be described as middle washed red. A complement of this color would be **65.0408, 0.2252, 0.3075**, and the grayscale version is **22.0390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6292, 0.4652, 0.3546**, and **10.2774, 0.6280, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **23.1812, 0.5967, 0.3405**, and if you desaturate by 10%, it is **30.4788, 0.5114, 0.3433**.

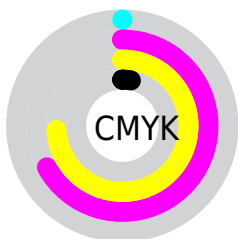
Distribution



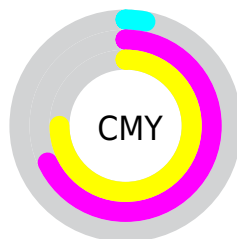
- Red (97%)
- Green (32%)
- Blue (25%)



- Red (97%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (67%)
- Yellow (74%)
- Black (3%)





- Cyan (3%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2115, 0.5569, 0.3428 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 26.2115, 0.5569, 0.3428 by changing the saturation by 10% instead.


 26.2115, 0.5569,
0.3428


 26.2115, 0.5569,
0.3428


283.8188, 0.4270,
0.3484


 16.9819, 0.5887,
0.3361


 53.6160, 0.5094,
0.3486


 10.2216, 0.6278,
0.3241


 72.5596, 0.4915,
0.3496


 5.5461, 0.6814,
0.3059

 95.5101, 0.4764,
0.3500

 2.5711, 0.7330,
0.2670

 122.8518, 0.4635,
0.3500

 0.9122, 0.7954,
0.2046

 154.9692, 0.4524,
0.3498

 0.0000, 1.0000,
0.0000

 192.2465, 0.4428,

 0.0000, 0.0000,

0.3494

0.0000

235.0682, 0.4344,
0.3489

■ 26.2115, 0.5569,
0.3428

■ 26.2115, 0.5569,
0.3428

■ 23.1812, 0.5967,
0.3405

■ 30.4788, 0.5114,
0.3433

■ 21.2509, 0.6245,
0.3366

■ 36.0923, 0.4664,
0.3422


■ 20.5660, 0.6345,
0.3344


■ 43.1541, 0.4257,
0.3402

■ 51.7553, 0.3909,
0.3377

■ 61.9795, 0.3621,
0.3350

 73.9043, 0.3386,
0.3324

 87.6021, 0.3196,
0.3300

 98.6980, 0.3084,
0.3290

Harmonies

Analogous

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



26.2115, 0.4888, 0.2695



26.2115, 0.5569, 0.3428



26.2115, 0.5343, 0.4241

Triad

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



26.2115, 0.5569, 0.3428



26.2115, 0.2348, 0.5219



26.2115, 0.1577, 0.1541

Complementary

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



26.2115, 0.5569, 0.3428



65.0408, 0.2252, 0.3075

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.



26.2115, 0.1208, 0.1735



26.2115, 0.5569, 0.3428



26.2115, 0.1530, 0.3672

Square

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



26.2115, 0.5569, 0.3428



26.2115, 0.3440, 0.5728



26.2115, 0.1177, 0.2380



26.2115, 0.2354, 0.1664

Rectangle

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



26.2115, 0.5569, 0.3428



26.2115, 0.4835, 0.4835



26.2115, 0.1177, 0.2380



26.2115, 0.1414, 0.1566

Sweetspot

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



26.2130, 0.5569, 0.3428



68.6003, 0.3566, 0.3345



29.4924, 0.3360, 0.1795



13.9900, 0.3636, 0.3352



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.



26.2130, 0.5569, 0.3428



23.5395, 0.6123, 0.3387



49.5863, 0.4702, 0.4296



17.4825, 0.3292, 0.3313



11.1941, 0.6330, 0.3356



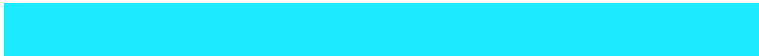
1.1210, 0.6186, 0.3470

Inverse Universe

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



65.0408, 0.2252, 0.3075



66.3498, 0.2188, 0.3027



26.8258, 0.1930, 0.1814



19.3186, 0.2980, 0.3267



32.8976, 0.2166, 0.2998



3.1244, 0.2177, 0.3035

Previews

White Background



This preview shows how the Yxy color 26.2115, 0.5569, 0.3428 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 26.2115, 0.5569, 0.3428 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 26.2115, 0.5569, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 26.2115, 0.5569, 0.3428.



This preview shows how white text looks on a background with the Yxy color 26.2115, 0.5569, 0.3428.

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

26.2115, 0.5569, 0.3428

Protanopia

26.2507, 0.3883, 0.4201

Deuteranopia

26.1461, 0.4462, 0.4368



Tritanopia

26.2130, 0.5384, 0.3255

Trichromacy



Original Color

26.2115, 0.5569, 0.3428

Protanomaly

24.4068, 0.4540, 0.3869

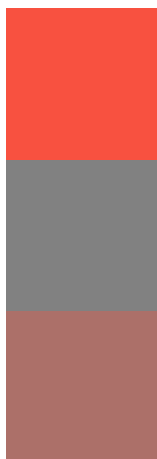
Deuteranomaly

24.8866, 0.4936, 0.3948

Tritanomaly

26.2535, 0.5461, 0.3321

Monochromacy



Original Color

26.2115, 0.5569, 0.3428

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.3789, 0.4032, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2115, 0.5569, 0.3428 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(248, 81, 64)` looks like.

```
.text, #text, p{  
    color:rgb(248, 81, 64)  
}
```

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(248, 81, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 81, 64) }
```

Border

The CSS property to change the border of an element to Yxy 26.2115, 0.5569, 0.3428 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(248, 81, 64) }
```

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

```
.border{ border-color:rgb(248, 81, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 81, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 81, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 81, 64);  
box-shadow:4px 4px 4px 4px rgb(248, 81,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2115, 0.5569, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 81, 64) }
```

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

```
.background{ background-color: rgb(248, 81,  
64) }
```

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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