

Converting Colors

$Y_{xy}(26.9502, 0.5210, 0.3418)$

Have a look what the booklet for
Yxy(26.9502, 0.5210, 0.3418)
contains.

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Color

Yxy(26.9502, 0.5210, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	EF5E51
RGB	239, 94, 81
RGB Percent	94%, 37%, 32%
CMY	0.0628, 0.6313, 0.6824
CMYK	0.00, 0.61, 0.66, 0.06
HSL	5°, 83%, 63%
HSV	5°, 66%, 94%
XYZ	41.0797, 26.9502, 10.8179
YIQ	135.8730, 90.5930, 26.6970

Conversions

Conversions Part 2

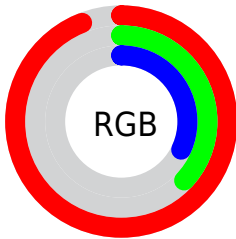
Format	Color
R_{YB}	239, 95, 81
Decimal	15687249
CIE _{Lab}	58.93, 55.07, 36.56
CIE _{LCh}	59, 66.098, 33.576
Yxy	26.9502, 0.5210, 0.3418
Android (android.graphics.Color)	4293877329 (0xFFEF5E51)
YUV	135.8730, -27.0524, 90.4424
Hunter-Lab	51.9136, 50.4001, 23.9845

Details

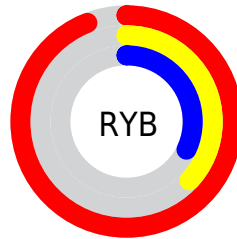
The Yxy color **26.9502, 0.5210, 0.3418** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **62.3390, 0.2311, 0.3121**, and the grayscale version is **24.6512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3936, 0.4397, 0.3480**, and **10.5535, 0.5878, 0.3298** is the 20% darker color. If you saturate the color by 10%, you get **23.2918, 0.5661, 0.3411**, and if you desaturate by 10%, it is **31.8450, 0.4753, 0.3411**.

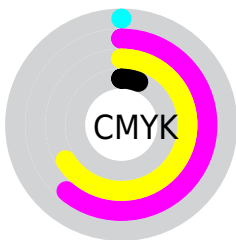
Distribution



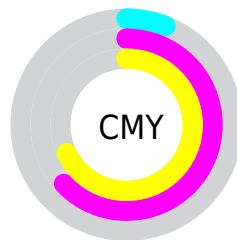
- Red (94%)
- Green (37%)
- Blue (32%)



- Red (94%)
- Yellow (37%)
- Blue (32%)



- Cyan (0%)
- Magenta (61%)
- Yellow (66%)
- Black (6%)



- Cyan (6%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9502, 0.5210, 0.3418 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 26.9502, 0.5210, 0.3418 by changing the saturation by 10% instead.


 26.9502, 0.5210,
0.3418


 26.9502, 0.5210,
0.3418


287.4159, 0.4086,
0.3437


 17.5358, 0.5501,
0.3376


 54.8039, 0.4790,
0.3450


 10.6173, 0.5871,
0.3298


 74.0121, 0.4635,
0.3454

 5.8101, 0.6344,
0.3151

 97.2536, 0.4505,
0.3455

 2.7300, 0.7077,
0.2923

 124.9130, 0.4395,
0.3453

 0.9924, 0.7668,
0.2332

 157.3745, 0.4301,
0.3450

 0.0000, 1.0000,
0.0000


195.0225, 0.4220,


 0.0000, 0.0000,


0.3446


0.0000


238.2415, 0.4149,
0.3441


 26.9502, 0.5210,
0.3418


 26.9502, 0.5210,
0.3418


 23.2918, 0.5661,
0.3411


 31.8450, 0.4753,
0.3411


 20.7548, 0.6041,
0.3387


 38.0687, 0.4334,
0.3394


 19.2105, 0.6288,
0.3350

 45.7103, 0.3973,
0.3372

 18.8385, 0.6351,
0.3339

 54.8499, 0.3673,
0.3349

 65.5613, 0.3428,
0.3325

 77.9138, 0.3229,
0.3303

 91.9723, 0.3069,
0.3282

 97.0877, 0.3029,
0.3290

Harmonies

Analogous

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



26.9502, 0.4551, 0.2741



26.9502, 0.5210, 0.3418



26.9502, 0.5127, 0.4153

Triad

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



26.9502, 0.5210, 0.3418



26.9502, 0.2564, 0.4952



26.9502, 0.1720, 0.1742

Complementary

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



26.9502, 0.5210, 0.3418



62.3390, 0.2311, 0.3121

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.



26.9502, 0.1402, 0.1965



26.9502, 0.5210, 0.3418



26.9502, 0.1790, 0.3738

Square

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



26.9502, 0.5210, 0.3418



26.9502, 0.3548, 0.5352



26.9502, 0.1412, 0.2603



26.9502, 0.2397, 0.1828

Rectangle

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



26.9502, 0.5210, 0.3418



26.9502, 0.4739, 0.4659



26.9502, 0.1412, 0.2603



26.9502, 0.1577, 0.1778

Sweetspot

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



26.9517, 0.5210, 0.3418



70.8340, 0.3518, 0.3334



29.8565, 0.3304, 0.1876



14.4164, 0.3588, 0.3341



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.



26.9517, 0.5210, 0.3418



25.9251, 0.5792, 0.3405



47.8849, 0.4532, 0.4210



15.9684, 0.3291, 0.3310



10.4871, 0.6338, 0.3349



0.9442, 0.6192, 0.3466

Inverse Universe

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



62.3390, 0.2311, 0.3121



69.3563, 0.2233, 0.3083



29.6170, 0.2052, 0.2040



17.6926, 0.2981, 0.3270



31.6131, 0.2175, 0.3030



2.6953, 0.2185, 0.3067

Previews

White Background



This preview shows how the Yxy color 26.9502, 0.5210, 0.3418 looks on a white background.

Color Contrast Check

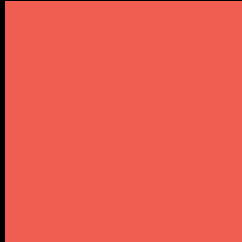
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9502, 0.5210, 0.3418 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 26.9502, 0.5210, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 26.9502, 0.5210, 0.3418.



This preview shows how white text looks on a background with the Yxy color 26.9502, 0.5210, 0.3418.

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

26.9502, 0.5210, 0.3418

Protanopia

27.1169, 0.3709, 0.3983

Deuteranopia

26.9229, 0.4270, 0.4173



Tritanopia

27.0426, 0.5033, 0.3247

Trichromacy



Original Color

26.9502, 0.5210, 0.3418

Protanomaly

25.7542, 0.4268, 0.3755

Deuteranomaly

25.9605, 0.4641, 0.3848

Tritanomaly

27.1093, 0.5104, 0.3315

Monochromacy



Original Color

26.9502, 0.5210, 0.3418

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8199, 0.3849, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9502, 0.5210, 0.3418 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(239, 94, 81)` looks like.

```
.text, #text, p{  
    color:rgb(239, 94, 81)  
}
```

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(239, 94, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 94, 81) }
```

Border

The CSS property to change the border of an element to Yxy 26.9502, 0.5210, 0.3418 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(239, 94, 81) }
```

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

```
.border{ border-color:rgb(239, 94, 81) }
```

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

Here you see how a box with a 4 pixel rgb(239, 94, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 94, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 94, 81);  
box-shadow:4px 4px 4px 4px rgb(239, 94,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9502, 0.5210, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 94, 81) }
```

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

```
.background{ background-color: rgb(239, 94,  
81) }
```

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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