

# Converting Colors

$Yxy(26.0794, 0.5081, 0.3390)$

Have a look what the booklet for  
Yxy(26.0794, 0.5081, 0.3390)  
contains.

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**Color**

**Yxy(26.0121, 0.5083, 0.3386)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E85F56
RGB	232, 95, 86
RGB Percent	91%, 37%, 34%
CMY	0.0902, 0.6274, 0.6628
CMYK	0.00, 0.59, 0.63, 0.09
HSL	4°, 76%, 62%
HSV	4°, 63%, 91%
XYZ	39.0489, 26.0121, 11.7615
YIQ	134.9370, 84.5410, 26.2450

# Conversions

## Conversions Part 2

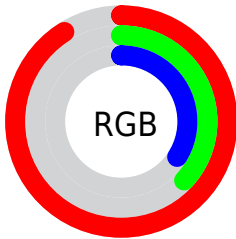
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 96, 86
Decimal	15228758
CIE <sub>Lab</sub>	58.05, 52.53, 32.42
CIE <sub>LCh</sub>	58, 61.725, 31.684
Yxy	26.0121, 0.5083, 0.3386
Android (android.graphics.Color)	4293418838 (0xFFE85F56)
YUV	134.9370, -24.1259, 85.1243
Hunter-Lab	51.0021, 47.4120, 22.0286

# Details

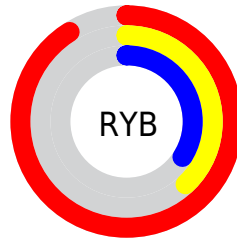
The Yxy color **26.0121, 0.5083, 0.3386** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **60.5556, 0.2344, 0.3170**, and the grayscale version is **24.2728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.8503, 0.4339, 0.3439**, and **10.0855, 0.5739, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **22.3096, 0.5547, 0.3384**, and if you desaturate by 10%, it is **30.9338, 0.4628, 0.3378**.

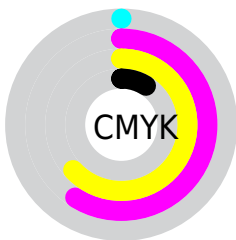
# Distribution



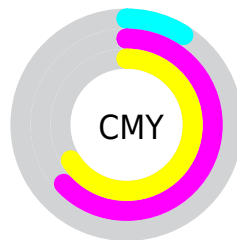
- Red (91%)
- Green (37%)
- Blue (34%)



- Red (91%)
- Yellow (38%)
- Blue (34%)



- Cyan (0%)
- Magenta (59%)
- Yellow (63%)
- Black (9%)




- Cyan (9%)
- Magenta (63%)
- Yellow (66%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0121, 0.5083, 0.3386 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 26.0121, 0.5083, 0.3386 by changing the saturation by 10% instead.





 26.0121, 0.5083,  
0.3386


 26.0121, 0.5083,  
0.3386

282.8415, 0.4016,  
0.3408


 16.8327, 0.5367,  
0.3348


 53.2945, 0.4679,  
0.3416


 10.1153, 0.5733,  
0.3277


 72.1662, 0.4532,  
0.3420


 5.4755, 0.6214,  
0.3142

 95.0375, 0.4409,  
0.3421

 2.5288, 0.7041,  
0.2959

 122.2928, 0.4306,  
0.3420

 0.8910, 0.7648,  
0.2352

 154.3165, 0.4217,  
0.3418

 0.0000, 1.0000,  
0.0000


191.4928, 0.4141,


 0.0000, 0.0000,


0.3415


0.0000


234.2064, 0.4075,  
0.3412


 26.0121, 0.5083,  
0.3386


 26.0121, 0.5083,  
0.3386


 22.3096, 0.5547,  
0.3384


 30.9338, 0.4628,  
0.3378


 19.7159, 0.5957,  
0.3370


 37.1640, 0.4221,  
0.3364

 18.1082, 0.6247,  
0.3344

 44.7884, 0.3876,  
0.3347

 17.4789, 0.6366,  
0.3327

 53.8845, 0.3591,  
0.3329

 64.5239, 0.3360,  
0.3311

■ 76.7737, 0.3175,  
0.3295

■ 90.6968, 0.3025,  
0.3280

■ 95.8951, 0.2987,  
0.3290

# Harmonies

## Analogous

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



26.0121, 0.4415, 0.2734



26.0121, 0.5083, 0.3386



26.0121, 0.5062, 0.4093

# Triad

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



26.0121, 0.5083, 0.3386



26.0121, 0.2660, 0.4899



26.0121, 0.1751, 0.1812

# Complementary

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



26.0121, 0.5083, 0.3386



60.5556, 0.2344, 0.3170

# 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.



26.0121, 0.1463, 0.2055



26.0121, 0.5083, 0.3386



26.0121, 0.1894, 0.3795

# Square

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



26.0121, 0.5083, 0.3386



26.0121, 0.3606, 0.5232



26.0121, 0.1497, 0.2702



26.0121, 0.2383, 0.1875



# Rectangle

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



26.0121, 0.5083, 0.3386



26.0121, 0.4721, 0.4572



26.0121, 0.1497, 0.2702



26.0121, 0.1619, 0.1855

# Sweetspot

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



26.0135, 0.5083, 0.3386



71.6138, 0.3497, 0.3322



29.2263, 0.3270, 0.1905



14.5481, 0.3567, 0.3327



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.



26.0135, 0.5083, 0.3386



26.3900, 0.5698, 0.3380



45.2033, 0.4471, 0.4154



14.5104, 0.3291, 0.3305



9.7647, 0.6354, 0.3337



0.7723, 0.6228, 0.3437



# Inverse Universe

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



60.5556, 0.2344, 0.3170



72.3220, 0.2261, 0.3142



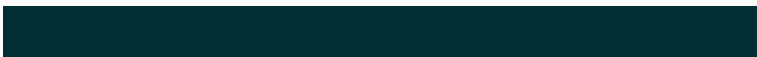
30.1575, 0.2108, 0.2149



16.1755, 0.2982, 0.3275



31.0374, 0.2193, 0.3096



2.3401, 0.2202, 0.3126



# Previews

## White Background



This preview shows how the Yxy color 26.0121, 0.5083, 0.3386 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 26.0121, 0.5083, 0.3386 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 26.0121, 0.5083, 0.3386**

## **Background**



This preview shows how black text looks on a background with the Yxy color 26.0121, 0.5083, 0.3386.



This preview shows how white text looks on a background with the Yxy color 26.0121, 0.5083, 0.3386.

# 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

26.0121, 0.5083, 0.3386

### Protanopia

26.2397, 0.3619, 0.3884

### Deuteranopia

25.9975, 0.4181, 0.4087



## Tritanopia

26.0532, 0.4937, 0.3234

# Trichromacy



## Original Color

26.0121, 0.5083, 0.3386

## Protanomaly

24.9817, 0.4157, 0.3684

## Deuteranomaly

25.1403, 0.4528, 0.3780

## Tritanomaly

26.1372, 0.4996, 0.3296

# Monochromacy



## Original Color

26.0121, 0.5083, 0.3386

## Achromatopsia

24.2281, 0.3127, 0.3290

## Achromatomaly

23.2633, 0.3803, 0.3338

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 26.0121, 0.5083, 0.3386 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(232, 95, 86)` looks like.

```
.text, #text, p{  
    color:rgb(232, 95, 86)  
}
```

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(232, 95, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 95, 86) }
```

## Border

The CSS property to change the border of an element to Yxy 26.0121, 0.5083, 0.3386 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(232, 95, 86) }
```

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

```
.border{ border-color:rgb(232, 95, 86) }
```

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

Here you see how a box with a 4 pixel rgb(232, 95, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 95, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 95, 86);  
box-shadow:4px 4px 4px 4px rgb(232, 95,  
86) }
```



# Background

The CSS property to change the background color of an element to Yxy 26.0121, 0.5083, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 95, 86) }
```

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

```
.background{ background-color: rgb(232, 95,  
86) }
```

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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