

Converting Colors

$Yxy(26.5052, 0.4977, 0.3411)$

Have a look what the booklet for
Yxy(26.5052, 0.4977, 0.3411)
contains.

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Color

Yxy(26.4936, 0.4978, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	E56459
RGB	229, 100, 89
RGB Percent	90%, 39%, 35%
CMY	0.1019, 0.6079, 0.6510
CMYK	0.00, 0.56, 0.61, 0.10
HSL	5°, 73%, 62%
HSV	5°, 61%, 90%
XYZ	38.6760, 26.4936, 12.5242
YIQ	137.3170, 80.4150, 23.9270

Conversions

Conversions Part 2

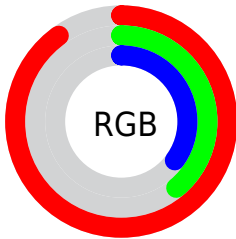
Format	Color
R_{YB}	229, 101, 89
Decimal	15033433
CIE _{Lab}	58.50, 49.38, 31.19
CIE _{LCh}	59, 58.405, 32.274
Yxy	26.4936, 0.4978, 0.3410
Android (android.graphics.Color)	4293223513 (0xFFE56459)
YUV	137.3170, -23.8203, 80.4060
Hunter-Lab	51.4719, 44.0490, 21.6038

Details

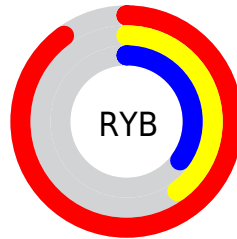
The Yxy color **26.4936, 0.4978, 0.3410** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **57.9262, 0.2351, 0.3143**, and the grayscale version is **25.2116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2353, 0.4287, 0.3450**, and **10.3760, 0.5605, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **22.6315, 0.5439, 0.3411**, and if you desaturate by 10%, it is **31.5262, 0.4536, 0.3398**.

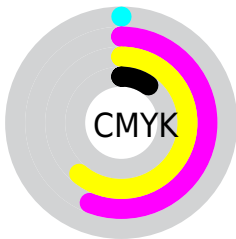
Distribution



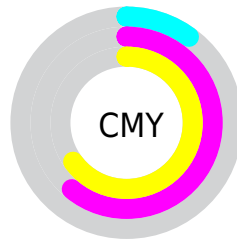
- Red (90%)
- Green (39%)
- Blue (35%)



- Red (90%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (56%)
- Yellow (61%)
- Black (10%)




- Cyan (10%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4936, 0.4978, 0.3410 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 26.4936, 0.4978, 0.3410 by changing the saturation by 10% instead.

 26.4936, 0.4978,
0.3410


 26.4936, 0.4978,
0.3410


285.1968, 0.3969,
0.3412


 17.1933, 0.5248,
0.3381


 54.0702, 0.4595,
0.3430

 10.3724, 0.5598,
0.3323


 73.1152, 0.4456,
0.3431


 5.6466, 0.6062,
0.3208

 96.1773, 0.4340,
0.3430

 2.6314, 0.6880,
0.3062

 123.6408, 0.4242,
0.3427

 0.9425, 0.7503,
0.2497

 155.8901, 0.4159,
0.3424

 0.0000, 1.0000,
0.0000

193.3096, 0.4087,

 0.0000, 0.0000,

0.3420

0.0000

236.2837, 0.4024,
0.3416

■ 26.4936, 0.4978,
0.3410

■ 26.4936, 0.4978,
0.3410

■ 22.6315, 0.5439,
0.3411

■ 31.5262, 0.4536,
0.3398

■ 19.8414, 0.5863,
0.3396

■ 37.8089, 0.4145,
0.3379

■ 18.0158, 0.6184,
0.3366

■ 45.4193, 0.3815,
0.3357

■ 17.0927, 0.6353,
0.3338

■ 54.4276, 0.3544,
0.3335

■ 64.8988, 0.3323,
0.3313

■ 76.8941, 0.3145,
0.3292

■ 90.4711, 0.3001,
0.3274

■ 95.3999, 0.2970,
0.3290

Harmonies

Analogous

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



26.4936, 0.4358, 0.2778



26.4936, 0.4978, 0.3410



26.4936, 0.4960, 0.4090

Triad

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



26.4936, 0.4978, 0.3410



26.4936, 0.2679, 0.4773



26.4936, 0.1825, 0.1880

Complementary

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



26.4936, 0.4978, 0.3410



57.9262, 0.2351, 0.3143

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.



26.4936, 0.1540, 0.2113



26.4936, 0.4978, 0.3410



26.4936, 0.1951, 0.3746

Square

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



26.4936, 0.4978, 0.3410



26.4936, 0.3581, 0.5119



26.4936, 0.1571, 0.2728



26.4936, 0.2440, 0.1944

Rectangle

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



26.4936, 0.4978, 0.3410



26.4936, 0.4640, 0.4540



26.4936, 0.1571, 0.2728



26.4936, 0.1695, 0.1921

Sweetspot

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



26.4951, 0.4978, 0.3410



73.3103, 0.3472, 0.3328



28.9533, 0.3290, 0.1953



14.8951, 0.3541, 0.3334



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.



26.4951, 0.4978, 0.3410



27.9486, 0.5542, 0.3409



45.5105, 0.4405, 0.4160



14.5490, 0.3291, 0.3309



9.8392, 0.6340, 0.3348



0.7908, 0.6184, 0.3472

Inverse Universe

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



57.9262, 0.2351, 0.3143



71.0157, 0.2267, 0.3110



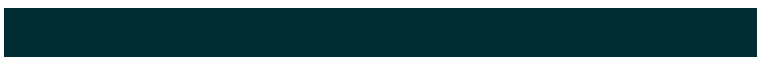
29.4876, 0.2127, 0.2154



16.1323, 0.2982, 0.3271



29.9530, 0.2179, 0.3043



2.2713, 0.2189, 0.3082

Previews

White Background



This preview shows how the Yxy color 26.4936, 0.4978, 0.3410 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 26.4936, 0.4978, 0.3410 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 26.4936, 0.4978, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 26.4936, 0.4978, 0.3410.



This preview shows how white text looks on a background with the Yxy color 26.4936, 0.4978, 0.3410.

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

26.4936, 0.4978, 0.3410

Protanopia

26.6697, 0.3606, 0.3863

Deuteranopia

26.7231, 0.4135, 0.4057



Tritanopia

26.5578, 0.4805, 0.3231

Trichromacy



Original Color

26.4936, 0.4978, 0.3410

Protanomaly

25.4255, 0.4094, 0.3672

Deuteranomaly

25.9124, 0.4467, 0.3784

Tritanomaly

26.6475, 0.4866, 0.3295

Monochromacy



Original Color

26.4936, 0.4978, 0.3410

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.3174, 0.3747, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4936, 0.4978, 0.3410 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(229, 100, 89)` looks like.

```
.text, #text, p{  
    color:rgb(229, 100, 89)  
}
```

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(229, 100, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 100, 89) }
```

Border

The CSS property to change the border of an element to Yxy 26.4936, 0.4978, 0.3410 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(229, 100, 89) }
```

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

```
.border{ border-color:rgb(229, 100, 89) }
```

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

Here you see how a box with a 4 pixel rgb(229, 100, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 100, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 100, 89);  
box-shadow:4px 4px 4px 4px rgb(229, 100,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4936, 0.4978, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 100, 89) }
```

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

```
.background{ background-color: rgb(229,  
100, 89) }
```

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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