

Converting Colors

$Y_{xy}(27.8504, 0.4915, 0.3378)$

Have a look what the booklet for
Yxy(27.8504, 0.4915, 0.3378)
contains.

Yxy(27.8504, 0.4915, 0.3378)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.8504, 0.4915, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	E9675F
RGB	233, 103, 95
RGB Percent	91%, 40%, 37%
CMY	0.0863, 0.5961, 0.6273
CMYK	0.00, 0.56, 0.59, 0.09
HSL	3°, 76%, 64%
HSV	3°, 59%, 91%
XYZ	40.5224, 27.8504, 14.0736
YIQ	140.9580, 80.0480, 25.0720

Conversions

Conversions Part 2

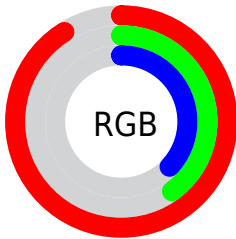
Format	Color
R_{YB}	233, 103, 95
Decimal	15296351
CIE _{Lab}	59.75, 49.80, 29.49
CIE _{LCh}	60, 57.871, 30.633
Yxy	27.8504, 0.4915, 0.3378
Android (android.graphics.Color)	4293486431 (0xFFE9675F)
YUV	140.9580, -22.6573, 80.7208
Hunter-Lab	52.7735, 44.7087, 21.1300

Details

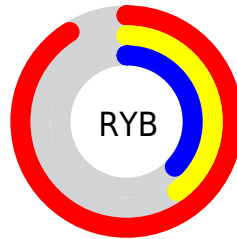
The Yxy color **27.8504, 0.4915, 0.3378** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **62.1871, 0.2375, 0.3186**, and the grayscale version is **26.6873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7890, 0.4197, 0.3419**, and **11.1063, 0.5510, 0.3286** is the 20% darker color. If you saturate the color by 10%, you get **23.6806, 0.5383, 0.3380**, and if you desaturate by 10%, it is **33.2963, 0.4473, 0.3368**.

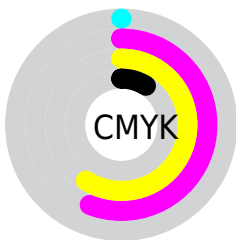
Distribution



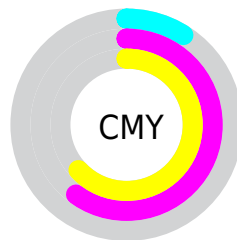
- Red (91%)
- Green (40%)
- Blue (37%)



- Red (91%)
- Yellow (40%)
- Blue (37%)



- Cyan (0%)
- Magenta (56%)
- Yellow (59%)
- Black (9%)





- Cyan (9%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8504, 0.4915, 0.3378 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 27.8504, 0.4915, 0.3378 by changing the saturation by 10% instead.


 27.8504, 0.4915,
0.3378


 27.8504, 0.4915,
0.3378


291.7514, 0.3945,
0.3391


 18.2129, 0.5173,
0.3349


 56.2455, 0.4548,
0.3400


 11.1030, 0.5510,
0.3295


 75.7719, 0.4414,
0.3403

 6.1361, 0.5957,
0.3190

 99.3634, 0.4303,
0.3403

 2.9280, 0.6650,
0.3021

 127.4045, 0.4209,
0.3402

 1.0943, 0.7429,
0.2571

160.2794, 0.4129,
0.3400

 0.0000, 1.0000,
0.0000

198.3726, 0.4059,

 0.0000, 0.0000,

0.3397

0.0000

242.0684, 0.3999,
0.3394

■ 27.8504, 0.4915,
0.3378

■ 27.8504, 0.4915,
0.3378

■ 23.6806, 0.5383,
0.3380

■ 33.2963, 0.4473,
0.3368

■ 20.6788, 0.5822,
0.3371

■ 40.1059, 0.4087,
0.3353

■ 18.7269, 0.6162,
0.3350

■ 48.3642, 0.3764,
0.3337

■ 17.6752, 0.6358,
0.3326

■ 58.1481, 0.3500,
0.3320

■ 17.6241, 0.6369,
0.3325

■ 69.5291, 0.3287,
0.3304

■ 82.5741, 0.3115,
0.3289

■ 96.0644, 0.2993,
0.3290

Harmonies

Analogous

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



27.8504, 0.4279, 0.2760



27.8504, 0.4915, 0.3378



27.8504, 0.4937, 0.4045

Triad

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



27.8504, 0.4915, 0.3378



27.8504, 0.2740, 0.4769



27.8504, 0.1829, 0.1913

Complementary

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



27.8504, 0.4915, 0.3378



62.1871, 0.2375, 0.3186

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.



27.8504, 0.1565, 0.2163



27.8504, 0.4915, 0.3378



27.8504, 0.2010, 0.3796

Square

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



27.8504, 0.4915, 0.3378



27.8504, 0.3626, 0.5067



27.8504, 0.1614, 0.2790



27.8504, 0.2415, 0.1960

Rectangle

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



27.8504, 0.4915, 0.3378



27.8504, 0.4643, 0.4486



27.8504, 0.1614, 0.2790



27.8504, 0.1706, 0.1960

Sweetspot

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



27.8519, 0.4915, 0.3378



72.8312, 0.3473, 0.3318



31.0112, 0.3261, 0.1966



14.7810, 0.3543, 0.3323



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.



27.8519, 0.4915, 0.3378



28.1579, 0.5481, 0.3379



47.2455, 0.4376, 0.4116



15.1936, 0.3292, 0.3304



10.0569, 0.6358, 0.3334



0.8390, 0.6245, 0.3423

Inverse Universe

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



62.1871, 0.2375, 0.3186



73.7017, 0.2290, 0.3162



32.4723, 0.2163, 0.2229



16.9641, 0.2981, 0.3276



32.3101, 0.2197, 0.3109



2.5826, 0.2204, 0.3136

Previews

White Background



This preview shows how the Yxy color 27.8504, 0.4915, 0.3378 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 27.8504, 0.4915, 0.3378 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 27.8504, 0.4915, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 27.8504, 0.4915, 0.3378.



This preview shows how white text looks on a background with the Yxy color 27.8504, 0.4915, 0.3378.

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

27.8504, 0.4915, 0.3378

Protanopia

27.9864, 0.3565, 0.3805

Deuteranopia

28.0122, 0.4085, 0.4005



Tritanopia

27.8825, 0.4770, 0.3221

Trichromacy



Original Color

27.8504, 0.4915, 0.3378

Protanomaly

26.8084, 0.4050, 0.3622

Deuteranomaly

27.1583, 0.4406, 0.3741

Tritanomaly

27.9744, 0.4829, 0.3285

Monochromacy



Original Color

27.8504, 0.4915, 0.3378

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.6327, 0.3734, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8504, 0.4915, 0.3378 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(233, 103, 95)` looks like.

```
.text, #text, p{  
    color:rgb(233, 103, 95)  
}
```

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(233, 103, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 103, 95) }
```

Border

The CSS property to change the border of an element to Yxy 27.8504, 0.4915, 0.3378 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(233, 103, 95) }
```

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

```
.border{ border-color:rgb(233, 103, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 103, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 103, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 103, 95);  
box-shadow:4px 4px 4px 4px rgb(233, 103,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8504, 0.4915, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 103, 95) }
```

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

```
.background{ background-color: rgb(233,  
103, 95) }
```

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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