

Converting Colors

$Y_{xy}(27.2727, 0.4999, 0.3337)$

Have a look what the booklet for
Yxy(27.2727, 0.4999, 0.3337)
contains.

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Color

Yxy(27.3764, 0.4993, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	EC625E
RGB	236, 98, 94
RGB Percent	93%, 38%, 37%
CMY	0.0746, 0.6156, 0.6314
CMYK	0.00, 0.58, 0.60, 0.07
HSL	2°, 79%, 65%
HSV	2°, 60%, 93%
XYZ	40.9743, 27.3764, 13.7128
YIQ	138.8060, 83.5320, 28.0120

Conversions

Conversions Part 2

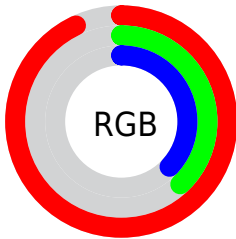
Format	Color
R_{YB}	236, 98, 94
Decimal	15491678
CIE _{Lab}	59.32, 53.05, 29.61
CIE _{LCh}	59, 60.758, 29.170
Yxy	27.3764, 0.4993, 0.3336
Android (android.graphics.Color)	4293681758 (0xFFEC625E)
YUV	138.8060, -22.0894, 85.2391
Hunter-Lab	52.3225, 48.2211, 21.0868

Details

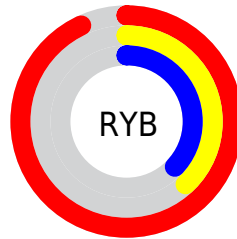
The Yxy color **27.3764, 0.4993, 0.3336** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **66.1145, 0.2379, 0.3237**, and the grayscale version is **25.8062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0561, 0.4241, 0.3388**, and **10.7979, 0.5612, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **23.3222, 0.5469, 0.3337**, and if you desaturate by 10%, it is **32.7915, 0.4537, 0.3331**.

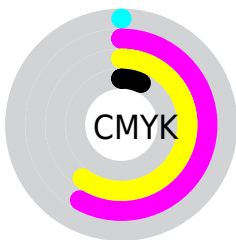
Distribution



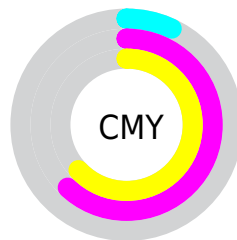
- Red (93%)
- Green (38%)
- Blue (37%)



- Red (93%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (58%)
- Yellow (60%)
- Black (7%)





- Cyan (7%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3764, 0.4993, 0.3336 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 27.3764, 0.4993, 0.3336 by changing the saturation by 10% instead.


 27.3764, 0.4993,
0.3336

 27.3764, 0.4993,
0.3336


289.4750, 0.3980,
0.3376


 17.8561, 0.5263,
0.3299


 55.4873, 0.4610,
0.3369


 10.8467, 0.5613,
0.3233


 74.8467, 0.4470,
0.3376

 5.9639, 0.6078,
0.3110


 98.2545, 0.4353,
0.3379

 2.8231, 0.6810,
0.2922

 126.0953, 0.4255,
0.3380

 1.0401, 0.7572,
0.2428

158.7533, 0.4171,
0.3380

 0.0000, 1.0000,
0.0000

196.6130, 0.4099,

 0.0000, 0.0000,

0.3379

0.0000

240.0588, 0.4035,
0.3377

■ 27.3764, 0.4993,
0.3336

■ 27.3764, 0.4993,
0.3336

■ 23.3222, 0.5469,
0.3337

■ 32.7915, 0.4537,
0.3331

■ 20.5042, 0.5903,
0.3332

■ 39.6690, 0.4136,
0.3323


■ 18.7825, 0.6221,
0.3321

■ 48.1060, 0.3800,
0.3315

■ 17.9745, 0.6386,
0.3312

■ 58.1899, 0.3526,
0.3306

■ 70.0017, 0.3306,
0.3298

 83.6169, 0.3130,
0.3290

 96.5689, 0.3011,
0.3290

Harmonies

Analogous

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



27.3764, 0.4296, 0.2702



27.3764, 0.4993, 0.3336



27.3764, 0.5036, 0.4026

Triad

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



27.3764, 0.4993, 0.3336



27.3764, 0.2754, 0.4901



27.3764, 0.1750, 0.1857

Complementary

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



27.3764, 0.4993, 0.3336



66.1145, 0.2379, 0.3237

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.



27.3764, 0.1494, 0.2127



27.3764, 0.4993, 0.3336



27.3764, 0.1981, 0.3880

Square

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



27.3764, 0.4993, 0.3336



27.3764, 0.3680, 0.5158



27.3764, 0.1558, 0.2799



27.3764, 0.2340, 0.1895

Rectangle

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



27.3764, 0.4993, 0.3336



27.3764, 0.4736, 0.4492



27.3764, 0.1558, 0.2799



27.3764, 0.1630, 0.1909

Sweetspot

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



27.3779, 0.4993, 0.3336



72.1616, 0.3476, 0.3304



31.7515, 0.3216, 0.1913



14.6218, 0.3547, 0.3307



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.



27.3779, 0.4993, 0.3336



26.9745, 0.5568, 0.3336



46.4036, 0.4437, 0.4079



15.1226, 0.3292, 0.3297



9.9415, 0.6380, 0.3316



0.8049, 0.6323, 0.3362

Inverse Universe

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



66.1145, 0.2379, 0.3237



76.8106, 0.2301, 0.3225



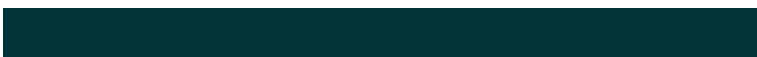
34.4936, 0.2163, 0.2276



17.0441, 0.2981, 0.3283



34.3515, 0.2223, 0.3201



2.7206, 0.2226, 0.3214

Previews

White Background



This preview shows how the Yxy color 27.3764, 0.4993, 0.3336 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 27.3764, 0.4993, 0.3336 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 27.3764, 0.4993, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 27.3764, 0.4993, 0.3336.



This preview shows how white text looks on a background with the Yxy color 27.3764, 0.4993, 0.3336.

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

27.3764, 0.4993, 0.3336

Protanopia

27.5126, 0.3535, 0.3777

Deuteranopia

27.4637, 0.4090, 0.4026



Tritanopia

27.3615, 0.4883, 0.3234

Trichromacy



Original Color

27.3764, 0.4993, 0.3336

Protanomaly

26.2866, 0.4063, 0.3594

Deuteranomaly

26.6399, 0.4434, 0.3727

Tritanomaly

27.3024, 0.4923, 0.3265

Monochromacy



Original Color

27.3764, 0.4993, 0.3336

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8440, 0.3759, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3764, 0.4993, 0.3336 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(236, 98, 94)` looks like.

```
.text, #text, p{  
    color:rgb(236, 98, 94)  
}
```

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(236, 98, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 98, 94) }
```

Border

The CSS property to change the border of an element to Yxy 27.3764, 0.4993, 0.3336 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(236, 98, 94) }
```

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

```
.border{ border-color:rgb(236, 98, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 98, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 98, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 98, 94);  
box-shadow:4px 4px 4px 4px rgb(236, 98,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3764, 0.4993, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 98, 94) }
```

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

```
.background{ background-color: rgb(236, 98,  
94) }
```

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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