

Converting Colors

$Yxy(27.2317, 0.4787, 0.3258)$

Have a look what the booklet for
Yxy(27.2317, 0.4787, 0.3258)
contains.

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Color

Yxy(27.2958, 0.4794, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	E76568
RGB	231, 101, 104
RGB Percent	91%, 40%, 41%
CMY	0.0942, 0.6038, 0.5921
CMYK	0.00, 0.56, 0.55, 0.09
HSL	359°, 73%, 65%
HSV	359°, 56%, 91%
XYZ	40.1030, 27.2958, 16.2537
YIQ	140.2120, 76.5170, 28.4930

Conversions

Conversions Part 2

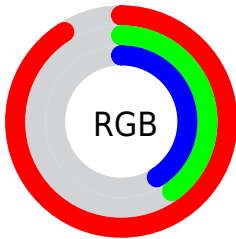
Format	Color
R _Y B	231, 101, 104
Decimal	15164776
CIE Lab	59.25, 50.67, 23.64
CIE LCh	59, 55.918, 25.011
Yxy	27.2958, 0.4794, 0.3263
Android (android.graphics.Color)	4293354856 (0xFFE76568)
YUV	140.2120, -17.8525, 79.6211
Hunter-Lab	52.2454, 45.5853, 18.1265

Details

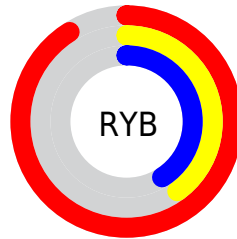
The Yxy color **27.2958, 0.4794, 0.3263** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **65.5099, 0.2434, 0.3326**, and the grayscale version is **26.3639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4035, 0.4115, 0.3303**, and **10.7954, 0.5368, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **23.0246, 0.5268, 0.3264**, and if you desaturate by 10%, it is **32.9528, 0.4358, 0.3266**.

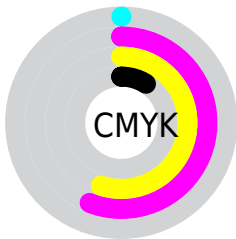
Distribution



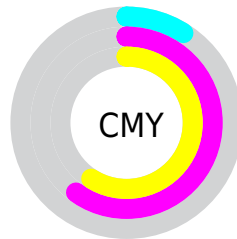
- Red (91%)
- Green (40%)
- Blue (41%)



- Red (91%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (56%)
- Yellow (55%)
- Black (9%)





- Cyan (9%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2958, 0.4794, 0.3263 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 27.2958, 0.4794, 0.3263 by changing the saturation by 10% instead.


 27.2958, 0.4794,
0.3263


 27.2958, 0.4794,
0.3263


289.0865, 0.3884,
0.3325


 17.7955, 0.5042,
0.3227


 55.3582, 0.4447,
0.3300


 10.8033, 0.5369,
0.3166


 74.6890, 0.4321,
0.3309

 5.9347, 0.5814,
0.3059

 98.0655, 0.4217,
0.3315

 2.8054, 0.6455,
0.2864

 125.8721, 0.4129,
0.3319

 1.0310, 0.7495,
0.2505

158.4930, 0.4054,
0.3322

 0.0000, 1.0000,
0.0000

196.3128, 0.3989,

 0.0000, 0.0000,

0.3323

0.0000

239.7159, 0.3933,
0.3324

■ 27.2958, 0.4794,
0.3263

■ 27.2958, 0.4794,
0.3263

■ 23.0246, 0.5268,
0.3264

■ 32.9528, 0.4358,
0.3266

■ 20.0161, 0.5730,
0.3268

■ 40.0961, 0.3984,
0.3270

■ 18.1334, 0.6106,
0.3277

■ 48.8219, 0.3677,
0.3276

■ 17.2040, 0.6332,
0.3289

■ 59.2173, 0.3429,
0.3281

■ 16.9972, 0.6382,
0.3290

■ 71.3629, 0.3230,
0.3287

■ 85.3341, 0.3072,
0.3292

■ 95.7256, 0.2981,
0.3290

Harmonies

Analogous

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



27.2958, 0.4083, 0.2670



27.2958, 0.4794, 0.3263



27.2958, 0.4934, 0.3913

Triad

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



27.2958, 0.4794, 0.3263



27.2958, 0.2913, 0.4839



27.2958, 0.1785, 0.1965

Complementary

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



27.2958, 0.4794, 0.3263



65.5099, 0.2434, 0.3326

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.



27.2958, 0.1583, 0.2276



27.2958, 0.4794, 0.3263



27.2958, 0.2151, 0.3983

Square

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



27.2958, 0.4794, 0.3263



27.2958, 0.3780, 0.4990



27.2958, 0.1694, 0.2967



27.2958, 0.2301, 0.1960

Rectangle

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



27.2958, 0.4794, 0.3263



27.2958, 0.4711, 0.4348



27.2958, 0.1694, 0.2967



27.2958, 0.1684, 0.2031

Sweetspot

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



27.2973, 0.4794, 0.3263



72.9583, 0.3447, 0.3281



31.3542, 0.3146, 0.1948



15.0242, 0.3494, 0.3280



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.



27.2973, 0.4794, 0.3263



27.8996, 0.5369, 0.3264



43.6503, 0.4378, 0.3968



14.3733, 0.3289, 0.3285



9.5332, 0.6375, 0.3286



0.7064, 0.6304, 0.3247

Inverse Universe

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



27.2973, 0.4794, 0.3263



27.8996, 0.5369, 0.3264



37.4113, 0.2242, 0.2451



14.3733, 0.3289, 0.3285



9.5332, 0.6375, 0.3286



0.7064, 0.6304, 0.3247

Previews

White Background



This preview shows how the Yxy color 27.2958, 0.4794, 0.3263 looks on a white background.

Color Contrast Check

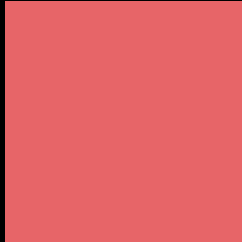
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2958, 0.4794, 0.3263 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 27.2958, 0.4794, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 27.2958, 0.4794, 0.3263.



This preview shows how white text looks on a background with the Yxy color 27.2958, 0.4794, 0.3263.

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

27.2958, 0.4794, 0.3263

Protanopia

27.5590, 0.3408, 0.3616

Deuteranopia

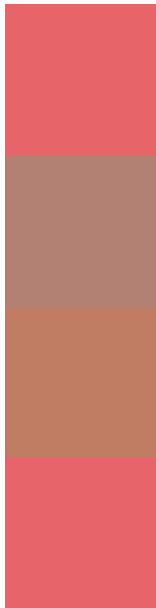
27.4311, 0.3950, 0.3877



Tritanopia

27.3578, 0.4754, 0.3230

Trichromacy



Original Color

27.2958, 0.4794, 0.3263

Protanomaly

26.2830, 0.3887, 0.3468

Deuteranomaly

26.6729, 0.4273, 0.3618

Tritanomaly

27.3369, 0.4768, 0.3241

Monochromacy



Original Color

27.2958, 0.4794, 0.3263

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.3383, 0.3689, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2958, 0.4794, 0.3263 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(231, 101, 104)` looks like.

```
.text, #text, p{  
    color:rgb(231, 101, 104)  
}
```

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(231, 101, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 101, 104) }
```

Border

The CSS property to change the border of an element to Yxy 27.2958, 0.4794, 0.3263 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(231, 101, 104) }
```

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

```
.border{ border-color:rgb(231, 101, 104) }
```

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

Here you see how a box with a 4 pixel rgb(231, 101, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 101, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 101, 104);  
box-shadow:4px 4px 4px 4px rgb(231, 101,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2958, 0.4794, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 101, 104) }
```

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

```
.background{ background-color: rgb(231,  
101, 104) }
```

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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