

Converting Colors

XYZ(41.2165, 27.0850, 13.8729)

Have a look what the booklet for
XYZ(41.2165, 27.0850, 13.8729)
contains.

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Color

**XYZ(41.0828, 27.0152,
13.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5F5F
RGB	237, 95, 95
RGB Percent	93%, 37%, 37%
CMY	0.0706, 0.6274, 0.6274
CMYK	0.00, 0.60, 0.60, 0.07
HSL	0°, 80%, 65%
HSV	0°, 60%, 93%
XYZ	41.0828, 27.0152, 13.8756
YIQ	137.4580, 84.6320, 30.1040

Conversions

Conversions Part 2

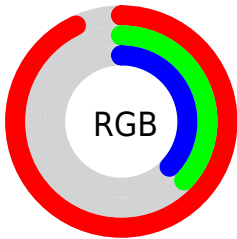
Format	Color
R_{YB}	237, 95, 95
Decimal	15556447
CIE Lab	58.99, 54.82, 28.64
CIE LCh	59, 61.852, 27.589
Yxy	27.0152, 0.5012, 0.3296
Android (android.graphics.Color)	4293746527 (0xFFED5F5F)
YUV	137.4580, -20.9318, 87.2983
Hunter-Lab	51.9761, 50.1311, 20.5552

Details

The XYZ color **41.0828, 27.0152, 13.8756** 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 **50.2869, 69.1105, 90.8095**, and the grayscale version is **24.0069, 25.2571, 27.5050**.

A 20% lighter version of the original color is **57.3347, 45.1480, 32.8867**, and **18.8951, 10.6588, 3.9672** is the 20% darker color. If you saturate the color by 10%, you get **38.3449, 23.0093, 8.4322**, and if you desaturate by 10%, it is **44.7987, 32.4533, 21.2616**.

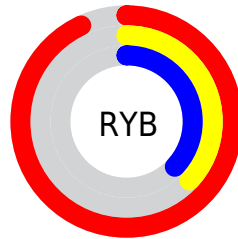
Distribution



Red (93%)

Green (37%)

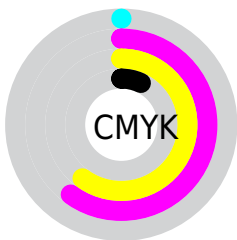
Blue (37%)



Red (93%)

Yellow (37%)

Blue (37%)

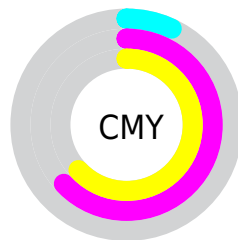


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (7%)



Cyan (7%)


Magenta (63%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0828, 27.0152, 13.8756 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 XYZ color 41.0828, 27.0152, 13.8756 by changing the saturation by 10% instead.


 41.0828, 27.0152,
13.8756


 41.0828, 27.0152,
13.8756


341.7232,
287.7307, 227.8570


 28.5717, 17.5846,
7.8964


 76.0835, 54.9083,
33.5821


 18.8997, 10.6522,
3.9419


 99.3038, 74.1395,
48.1465

 11.7014, 5.8335,
1.5935


 126.8246, 97.4065,
66.4097

 6.6115, 2.7441,
0.2862

 159.0113,
125.0936, 88.7903

 3.2645, 0.9996,
0.0000

196.2291,
157.5852, 115.7067

 1.2951, 0.0000,
0.0000

238.8435,

 0.1796, 0.0000,

195.2656, 147.5777

0.0000

287.2197,
238.5193, 184.8216

■ 0.0000, 0.0000,
0.0000

■ 41.0828, 27.0152,
13.8756

■ 41.0828, 27.0152,
13.8756

■ 38.3449, 23.0093,
8.4322

■ 44.7987, 32.4533,
21.2616

■ 36.4913, 20.2968,
4.7477

■ 49.5710, 39.4365,
30.7485

■ 35.4135, 18.7197,
2.6055

■ 55.4723, 48.0718,
42.4798

■ 34.9283, 18.0095,
1.6410

■ 62.5682, 58.4551,
56.5862

■ 34.9250, 18.0047,
1.6345

■ 70.9194, 70.6753,
73.1881

■ 80.5824, 84.8150,
92.3981

■ 88.7348, 96.7444,
108.6045

Harmonies

Analogous

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



43.4000, 27.0152, 31.2272



41.0828, 27.0152, 13.8756



34.4162, 27.0152, 6.2314

Triad

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



41.0828, 27.0152, 13.8756



15.1349, 27.0152, 12.0935



25.0619, 27.0152, 94.9663

Complementary

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



41.0828, 27.0152, 13.8756



50.2869, 69.1105, 90.8095

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.



18.5589, 27.0152, 81.3865



41.0828, 27.0152, 13.8756



13.5858, 27.0152, 27.6742

Square

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



41.0828, 27.0152, 13.8756



19.4376, 27.0152, 5.6212



14.7030, 27.0152, 53.6176



33.1267, 27.0152, 84.9378

Rectangle

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



41.0828, 27.0152, 13.8756



28.9775, 27.0152, 4.4485



14.7030, 27.0152, 53.6176



22.6374, 27.0152, 92.9078

Sweetspot

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



41.0834, 27.0167, 13.8761



75.5867, 71.5197, 70.2074



54.3031, 32.3033, 83.4933



15.6055, 14.4695, 13.8879



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.0834, 27.0167, 13.8761



44.6697, 26.2790, 8.7468



50.6266, 46.1031, 17.0571



15.0656, 15.0542, 15.6304



19.0679, 9.8300, 0.8924



1.4973, 0.7719, 0.0701

Inverse Universe

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



50.2869, 69.1105, 90.8095



56.4345, 80.0879, 107.0918



33.6416, 35.8198, 85.2611



15.5177, 17.1218, 19.4092



24.8775, 36.4020, 49.4581



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 41.0828, 27.0152, 13.8756 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 XYZ color 41.0828, 27.0152, 13.8756 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](#).

XYZ 41.0828, 27.0152, 13.8756

Background



This preview shows how black text looks on a background with the XYZ color 41.0828, 27.0152, 13.8756.



This preview shows how white text looks on a background with the XYZ color 41.0828, 27.0152,

13.8756.

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

41.0828, 27.0152, 13.8756

Protanopia

25.5300, 27.1631, 20.1171

Deuteranopia

27.5789, 27.0836, 13.0066



Tritanopia

41.2280, 26.9300, 15.0817

Trichromacy



Original Color

41.0828, 27.0152, 13.8756

Protanomaly

29.3318, 25.6950, 17.6010

Deuteranomaly

31.4906, 26.1658, 13.2883

Tritanomaly

41.1324, 26.8918, 14.5780

Monochromacy



Original Color

41.0828, 27.0152, 13.8756

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.7060, 24.2084, 21.6248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0828, 27.0152, 13.8756 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(237, 95, 95)` looks like.

```
.text, #text, p{  
    color:rgb(237, 95, 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(237, 95, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 95, 95) }
```

Border

The CSS property to change the border of an element to XYZ 41.0828, 27.0152, 13.8756 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(237, 95, 95) }
```


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

```
.border{ border-color:rgb(237, 95, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 95, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 95, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 95, 95);  
box-shadow:4px 4px 4px 4px rgb(237, 95,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0828, 27.0152, 13.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 95, 95) }
```

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

```
.background{ background-color: rgb(237, 95,  
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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