

Converting Colors

XYZ(41.6228, 27.3657, 17.1813)

Have a look what the booklet for
XYZ(41.6228, 27.3657, 17.1813)
contains.

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Color

**XYZ(41.4817, 27.2813,
17.2669)**

Conversions

Conversions Part 1

Format	Color
Hex	EC606C
RGB	236, 96, 108
RGB Percent	93%, 38%, 42%
CMY	0.0745, 0.6235, 0.5765
CMYK	0.00, 0.59, 0.54, 0.07
HSL	355°, 79%, 65%
HSV	355°, 59%, 93%
XYZ	41.4817, 27.2813, 17.2669
YIQ	139.2280, 79.5880, 33.4120

Conversions

Conversions Part 2

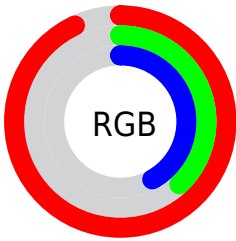
Format	Color
R_{YB}	236, 96, 108
Decimal	15491180
CIE _{Lab}	59.23, 54.98, 21.46
CIE _{LCh}	59, 59.020, 21.320
Yxy	27.2813, 0.4822, 0.3171
Android (android.graphics.Color)	4293681260 (0xFFEC606C)
YUV	139.2280, -15.3954, 84.8690
Hunter-Lab	52.2315, 50.3577, 16.9617

Details

The XYZ color **41.4817, 27.2813, 17.2669** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **48.2756, 67.8601, 81.0799**, and the grayscale version is **24.6655, 25.9501, 28.2596**.

A 20% lighter version of the original color is **58.5646, 45.8964, 38.5731**, and **19.2146, 10.8371, 5.4939** is the 20% darker color. If you saturate the color by 10%, you get **38.6326, 23.1992, 11.3354**, and if you desaturate by 10%, it is **45.2624, 32.7721, 24.9114**.

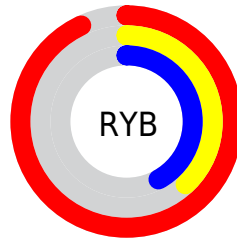
Distribution



Red (93%)

Green (38%)

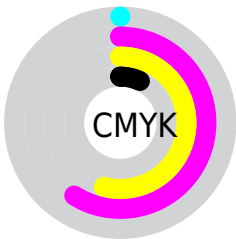
Blue (42%)



Red (93%)

Yellow (38%)

Blue (42%)

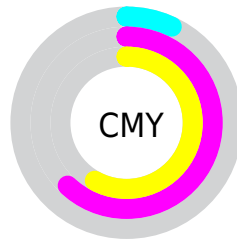


Cyan (0%)

Magenta (59%)

Yellow (54%)

Black (7%)



Cyan (7%)


Magenta (62%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4817, 27.2813, 17.2669 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 41.4817, 27.2813, 17.2669 by changing the saturation by 10% instead.


 41.4817, 27.2813,
17.2669


 41.4817, 27.2813,
17.2669


343.3582,
289.0166, 248.8016


 28.8850, 17.7846,
10.2610


 76.6847, 55.3349,
39.5810


 19.1377, 10.7955,
5.4645


 100.0217, 74.6607,
55.7263

 11.8744, 5.9295,
2.4588


 127.6695, 98.0315,
75.7552

 6.7298, 2.8022,
0.8182

 159.9935,
125.8319, 100.0861

 3.3385, 1.0294,
0.0000

197.3590,
158.4462, 129.1377

 1.3352, 0.0000,
0.0000

240.1314,

 0.2093, 0.0000,

196.2588, 163.3284

0.0000

288.6760,
239.6541, 203.0769

■ 0.0000, 0.0000,
0.0000

■ 41.4817, 27.2813,
17.2669

■ 41.4817, 27.2813,
17.2669

■ 38.6326, 23.1992,
11.3354

■ 45.2624, 32.7721,
24.9114

■ 36.6319, 20.3933,
6.9830

■ 50.0444, 39.7798,
34.3859

■ 35.3850, 18.7134,
4.0582

■ 55.8928, 48.4069,
45.7988

■ 34.7512, 17.9244,
2.3715

■ 62.8668, 58.7460,
59.2496

■ 34.7201, 17.8841,
2.2940

■ 71.0213, 70.8824,
74.8311

■ 80.4074, 84.8959,
92.6301

■ 88.4019, 96.5728,
108.5889

Harmonies

Analogous

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



42.5950, 27.2813, 36.2538



41.4817, 27.2813, 17.2669



35.8230, 27.2813, 7.9634

Triad

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



41.4817, 27.2813, 17.2669



16.3736, 27.2813, 10.8868



23.8515, 27.2813, 90.5200

Complementary

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



41.4817, 27.2813, 17.2669



48.2756, 67.8601, 81.0799

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.



18.0500, 27.2813, 73.9325



41.4817, 27.2813, 17.2669



14.3013, 27.2813, 23.9960

Square

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



41.4817, 27.2813, 17.2669



21.1157, 27.2813, 5.6806



14.8508, 27.2813, 47.0200



31.4257, 27.2813, 85.7500

Rectangle

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



41.4817, 27.2813, 17.2669



30.7341, 27.2813, 5.4711



14.8508, 27.2813, 47.0200



21.6547, 27.2813, 87.0519

Sweetspot

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



41.4824, 27.2828, 17.2674



76.0793, 71.7157, 72.8049



49.4482, 29.9530, 82.5318



15.7226, 14.5161, 14.5054



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.



41.4824, 27.2828, 17.2674



45.5080, 26.8799, 12.3426



47.9326, 41.1355, 16.4820



15.1178, 15.0750, 15.9059



19.1577, 9.8658, 1.3658



1.5224, 0.7819, 0.2024

Inverse Universe

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



41.4824, 27.2828, 17.2674



45.5080, 26.8799, 12.3426



36.2869, 41.1871, 85.3939



15.1178, 15.0750, 15.9059



19.1577, 9.8658, 1.3658



1.5224, 0.7819, 0.2024

Previews

White Background



This preview shows how the XYZ color 41.4817, 27.2813, 17.2669 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 41.4817, 27.2813, 17.2669 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 41.4817, 27.2813, 17.2669

Background



This preview shows how black text looks on a background with the XYZ color 41.4817, 27.2813, 17.2669.

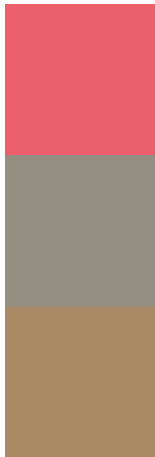


This preview shows how white text looks on a background with the XYZ color 41.4817, 27.2813,

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

41.4817, 27.2813, 17.2669

Protanopia

26.2462, 27.6462, 25.0720

Deuteranopia

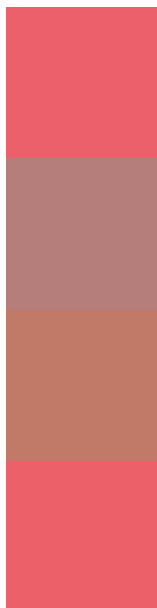
27.8722, 27.3770, 16.1272



Tritanopia

41.3149, 27.3615, 15.9357

Trichromacy



Original Color

41.4817, 27.2813, 17.2669

Protanomaly

30.0298, 26.1506, 21.8772

Deuteranomaly

31.7064, 26.3879, 16.5190

Tritanomaly

41.4166, 27.4022, 16.4709

Monochromacy



Original Color

41.4817, 27.2813, 17.2669

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

28.4348, 24.7231, 23.6954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4817, 27.2813, 17.2669 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, 96, 108)` looks like.

```
.text, #text, p{  
    color:rgb(236, 96, 108)  
}
```

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, 96, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 96, 108) }
```

Border

The CSS property to change the border of an element to XYZ 41.4817, 27.2813, 17.2669 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, 96, 108) }
```


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

```
.border{ border-color:rgb(236, 96, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 96, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 96, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 96, 108);  
box-shadow:4px 4px 4px 4px rgb(236, 96,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4817, 27.2813, 17.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 96, 108) }
```

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

```
.background{ background-color: rgb(236, 96,  
108) }
```

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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