

Converting Colors

XYZ(42.7435, 28.4328, 18.8556)

Have a look what the booklet for
XYZ(42.7435, 28.4328, 18.8556)
contains.

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Color

**XYZ(42.7977, 28.4837,
18.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	EE6471
RGB	238, 100, 113
RGB Percent	93%, 39%, 44%
CMY	0.0667, 0.6078, 0.5569
CMYK	0.00, 0.58, 0.53, 0.07
HSL	354°, 80%, 66%
HSV	354°, 58%, 93%
XYZ	42.7977, 28.4837, 18.8650
YIQ	142.7440, 78.0750, 33.2990

Conversions

Conversions Part 2

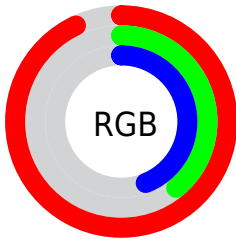
Format	Color
R _Y B	238, 100, 113
Decimal	15623281
CIE Lab	60.32, 54.25, 20.10
CIE LCh	60, 57.856, 20.324
Yxy	28.4837, 0.4748, 0.3160
Android (android.graphics.Color)	4293813361 (0xFFEE6471)
YUV	142.7440, -14.6638, 83.5395
Hunter-Lab	53.3701, 49.7421, 16.4016

Details

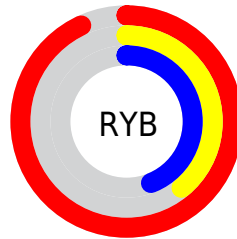
The XYZ color **42.7977, 28.4837, 18.8650** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **49.4224, 69.2953, 82.0096**, and the grayscale version is **26.0422, 27.3984, 29.8369**.

A 20% lighter version of the original color is **59.7529, 47.4193, 41.6008**, and **19.9495, 11.4565, 6.1609** is the 20% darker color. If you saturate the color by 10%, you get **39.7660, 24.1377, 12.5609**, and if you desaturate by 10%, it is **46.7856, 34.2812, 26.9106**.

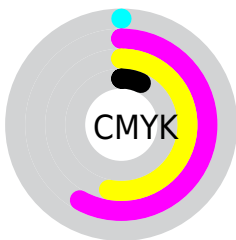
Distribution



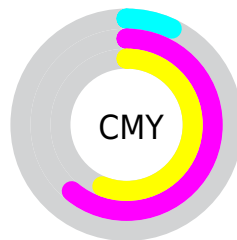
- Red (93%)
- Green (39%)
- Blue (44%)



- Red (93%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (58%)
- Yellow (53%)
- Black (7%)




- Cyan (7%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7977, 28.4837, 18.8650 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 42.7977, 28.4837, 18.8650 by changing the saturation by 10% instead.


 42.7977, 28.4837,
18.8650


 42.7977, 28.4837,
18.8650

348.7148,
294.7711, 258.1003

 29.9203, 18.6906,
11.3969


 78.6631, 57.2558,
42.3395


 19.9258, 11.4469,
6.2170


 102.3818, 77.0035,
59.1831

 12.4491, 6.3683,
2.9065


 130.4449,
100.8383, 79.9888

 7.1247, 3.0703,
1.0471

 163.2178,
129.1445, 105.1754

 3.5872, 1.1685,
0.0000

201.0659,
162.3064, 135.1613

 1.4714, 0.0358,
0.0000

244.3546,

 0.3062, 0.0000,

200.7086, 170.3650

0.0000

293.4491,
244.7353, 211.2052

■ 0.0000, 0.0000,
0.0000

■ 42.7977, 28.4837,
18.8650

■ 42.7977, 28.4837,
18.8650

■ 39.7660, 24.1377,
12.5609

■ 46.7856, 34.2812,
26.9106

■ 37.6079, 21.1104,
7.8675

■ 51.7991, 41.6385,
36.8122

■ 36.2298, 19.2528,
4.6381


■ 57.9035, 50.6587,
48.6764


■ 35.5071, 18.3595,
2.6950

■ 65.1579, 61.4351,
62.6012

■ 35.4086, 18.2366,
2.4337

■ 73.6173, 74.0538,
78.6780

 83.3333, 88.5955,
96.9928

 89.0698, 96.9171,
108.6201

Harmonies

Analogous

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



43.7354, 28.4837, 38.4102



42.7977, 28.4837, 18.8650



37.2545, 28.4837, 8.9816

Triad

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



42.7977, 28.4837, 18.8650



17.5002, 28.4837, 11.5420



24.7424, 28.4837, 91.3416

Complementary

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



42.7977, 28.4837, 18.8650



49.4224, 69.2953, 82.0096

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.



18.9392, 28.4837, 74.3549



42.7977, 28.4837, 18.8650



15.2925, 28.4837, 24.6338

Square

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



42.7977, 28.4837, 18.8650



22.4087, 28.4837, 6.2956



15.7660, 28.4837, 47.5022



32.3432, 28.4837, 87.3639

Rectangle

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



42.7977, 28.4837, 18.8650



32.1727, 28.4837, 6.2411



15.7660, 28.4837, 47.5022



22.5427, 28.4837, 87.6797

Sweetspot

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



42.7984, 28.4852, 18.8655



77.0561, 73.1162, 74.8355



50.7932, 31.1683, 84.2276



16.0975, 15.0609, 15.2624



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.



42.7984, 28.4852, 18.8655



45.8484, 27.2938, 13.2791



49.3159, 42.6082, 17.6836



15.8332, 15.7830, 16.6781



19.7749, 10.1824, 1.4653



1.6654, 0.8552, 0.2290

Inverse Universe

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



42.7984, 28.4852, 18.8655



45.8484, 27.2938, 13.2791



37.5819, 42.6686, 87.1438



15.8332, 15.7830, 16.6781



19.7749, 10.1824, 1.4653



1.6654, 0.8552, 0.2290

Previews

White Background



This preview shows how the XYZ color 42.7977, 28.4837, 18.8650 looks on a white background.

Color Contrast Check

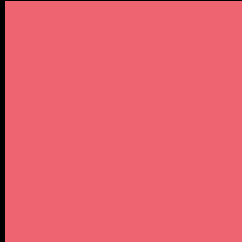
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.7977, 28.4837, 18.8650 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 42.7977, 28.4837, 18.8650

Background



This preview shows how black text looks on a background with the XYZ color 42.7977, 28.4837, 18.8650.



This preview shows how white text looks on a background with the XYZ color 42.7977, 28.4837,

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

42.7977, 28.4837, 18.8650

Protanopia

27.2611, 28.5794, 27.0012

Deuteranopia

29.2655, 28.7019, 17.9075



Tritanopia

42.6203, 28.5672, 17.4550

Trichromacy



Original Color

42.7977, 28.4837, 18.8650

Protanomaly

31.2095, 27.3001, 23.7032

Deuteranomaly

33.1199, 27.6417, 18.0578

Tritanomaly

42.7280, 28.6103, 18.0222

Monochromacy



Original Color

42.7977, 28.4837, 18.8650

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

30.1143, 26.3097, 25.3209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7977, 28.4837, 18.8650 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(238, 100, 113)` looks like.

```
.text, #text, p{  
    color:rgb(238, 100, 113)  
}
```

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(238, 100, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 100, 113) }
```

Border

The CSS property to change the border of an element to XYZ 42.7977, 28.4837, 18.8650 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(238, 100, 113) }
```


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

```
.border{ border-color:rgb(238, 100, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 100, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 100, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 100, 113);  
box-shadow:4px 4px 4px 4px rgb(238, 100,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7977, 28.4837, 18.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 100, 113) }
```

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

```
.background{ background-color: rgb(238,  
100, 113) }
```

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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