

Converting Colors

XYZ(42.3000, 28.1040, 17.1266)

Have a look what the booklet for
XYZ(42.3000, 28.1040, 17.1266)
contains.

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Color

**XYZ(42.3756, 28.1624,
17.1124)**

Conversions

Conversions Part 1

Format	Color
Hex	EE636B
RGB	238, 99, 107
RGB Percent	93%, 39%, 42%
CMY	0.0667, 0.6117, 0.5804
CMYK	0.00, 0.58, 0.55, 0.07
HSL	357°, 80%, 66%
HSV	357°, 58%, 93%
XYZ	42.3756, 28.1624, 17.1124
YIQ	141.4730, 80.2760, 31.9560

Conversions

Conversions Part 2

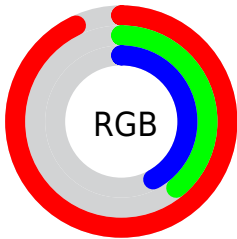
Format	Color
R_{YB}	238, 99, 107
Decimal	15623019
CIE Lab	60.04, 54.23, 23.16
CIE LCh	60, 58.972, 23.129
Yxy	28.1624, 0.4835, 0.3213
Android (android.graphics.Color)	4293813099 (0xFFEE636B)
YUV	141.4730, -16.9952, 84.6542
Hunter-Lab	53.0683, 49.6648, 18.0291

Details

The XYZ color **42.3756, 28.1624, 17.1124** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **50.0049, 69.5155, 85.6506**, and the grayscale version is **25.5470, 26.8775, 29.2695**.

A 20% lighter version of the original color is **58.9672, 46.8398, 38.2808**, and **19.7750, 11.3293, 5.4195** is the 20% darker color. If you saturate the color by 10%, you get **39.4126, 23.8866, 11.0382**, and if you desaturate by 10%, it is **46.3102, 33.8920, 25.0209**.

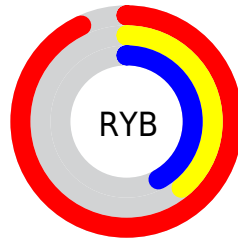
Distribution



Red (93%)

Green (39%)

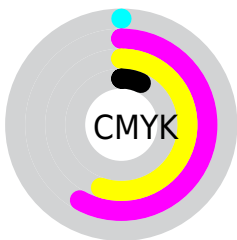
Blue (42%)



Red (93%)

Yellow (39%)

Blue (42%)

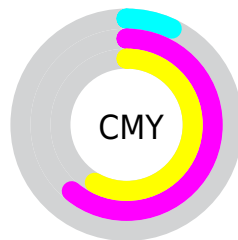


Cyan (0%)

Magenta (58%)

Yellow (55%)

Black (7%)



Cyan (7%)


Magenta (61%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3756, 28.1624, 17.1124 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 42.3756, 28.1624, 17.1124 by changing the saturation by 10% instead.


 42.3756, 28.1624,
17.1124


 42.3756, 28.1624,
17.1124

347.0028,
293.2421, 247.8851


 29.5879, 18.4481,
10.1519

 78.0294, 56.7436,
39.3122


 19.6725, 11.2722,
5.3928

 101.6261, 76.3793,
55.3886

 12.2641, 6.2502,
2.4168


 129.5567,
100.0910, 75.3406

 6.9973, 2.9978,
0.7956

 162.1863,
128.2630, 99.5869

 3.5067, 1.1306,
0.0000

199.8803,
161.2797, 128.5460

 1.4270, 0.0039,
0.0000

243.0042,

 0.2754, 0.0000,

199.5255, 162.6363

0.0000

291.9232,
243.3849, 202.2765

■ 0.0000, 0.0000,
0.0000

■ 42.3756, 28.1624,
17.1124

■ 42.3756, 28.1624,
17.1124

■ 39.4126, 23.8866,
11.0382

■ 46.3102, 33.8920,
25.0209

■ 37.3348, 20.9299,
6.6494

■ 51.2890, 41.1855,
34.8937

■ 36.0438, 19.1403,
3.7762

■ 57.3800, 50.1474,
46.8506

■ 35.4044, 18.3011,
2.2081

■ 64.6447, 60.8722,
61.0016

■ 35.3369, 18.2079,
2.0564

■ 73.1403, 73.4470,
77.4487

■ 82.9203, 87.9535,
96.2878

■ 89.0697, 96.9171,
108.6201

Harmonies

Analogous

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



43.8284, 28.1624, 35.8863



42.3756, 28.1624, 17.1124



36.4072, 28.1624, 8.0435

Triad

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



42.3756, 28.1624, 17.1124



16.7923, 28.1624, 11.9331



25.0757, 28.1624, 92.8290

Complementary

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



42.3756, 28.1624, 17.1124



50.0049, 69.5155, 85.6506

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.



19.0000, 28.1624, 77.1112



42.3756, 28.1624, 17.1124



14.8321, 28.1624, 25.9748

Square

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



42.3756, 28.1624, 17.1124



21.4836, 28.1624, 6.1805



15.5571, 28.1624, 49.9600



32.8538, 28.1624, 86.6339

Rectangle

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



42.3756, 28.1624, 17.1124



31.1839, 28.1624, 5.6645



15.5571, 28.1624, 49.9600



22.7891, 28.1624, 89.7582

Sweetspot

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



42.3763, 28.1639, 17.1129



75.9158, 71.6503, 71.9438



52.1233, 31.7125, 84.2625



15.6837, 14.5005, 14.3004



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.



42.3763, 28.1639, 17.1129



45.5697, 27.1823, 11.8113



49.9514, 43.9563, 17.6582



15.8096, 15.7736, 16.5538



19.7293, 10.1642, 1.2254



1.6542, 0.8507, 0.1697

Inverse Universe

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



42.3763, 28.1639, 17.1129



45.5697, 27.1823, 11.8113



36.4538, 40.5756, 86.7991



15.8096, 15.7736, 16.5538



19.7293, 10.1642, 1.2254



1.6542, 0.8507, 0.1697

Previews

White Background



This preview shows how the XYZ color 42.3756, 28.1624, 17.1124 looks on a white background.

Color Contrast Check

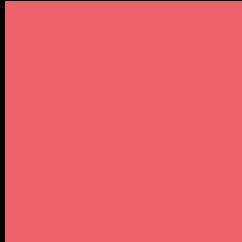
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.3756, 28.1624, 17.1124 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 42.3756, 28.1624, 17.1124

Background



This preview shows how black text looks on a background with the XYZ color 42.3756, 28.1624, 17.1124.



This preview shows how white text looks on a background with the XYZ color 42.3756, 28.1624,

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

42.3756, 28.1624, 17.1124

Protanopia

26.9706, 28.4847, 24.4987

Deuteranopia

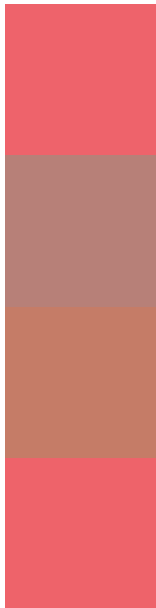
28.7664, 28.2696, 15.9970



Tritanopia

42.3233, 28.1414, 16.8368

Trichromacy



Original Color

42.3756, 28.1624, 17.1124

Protanomaly

30.6378, 26.8617, 21.3393

Deuteranomaly

32.6818, 27.2649, 16.3721

Tritanomaly

42.3233, 28.1414, 16.8368

Monochromacy



Original Color

42.3756, 28.1624, 17.1124

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

29.3278, 25.7368, 24.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3756, 28.1624, 17.1124 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, 99, 107)` looks like.

```
.text, #text, p{  
    color:rgb(238, 99, 107)  
}
```

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, 99, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 99, 107) }
```

Border

The CSS property to change the border of an element to XYZ 42.3756, 28.1624, 17.1124 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, 99, 107) }
```


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

```
.border{ border-color:rgb(238, 99, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 99, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 99, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 99, 107);  
box-shadow:4px 4px 4px 4px rgb(238, 99,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3756, 28.1624, 17.1124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 99, 107) }
```

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

```
.background{ background-color: rgb(238, 99,  
107) }
```

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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