

Converting Colors

XYZ(42.0157, 28.3058, 13.8825)

Have a look what the booklet for
XYZ(42.0157, 28.3058, 13.8825)
contains.

XYZ(41.9340, 28.2927, 13.8405)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.9340, 28.2927,
13.8405)**

Conversions

Conversions Part 1

Format	Color
Hex	EE655E
RGB	238, 101, 94
RGB Percent	93%, 40%, 37%
CMY	0.0667, 0.6039, 0.6314
CMYK	0.00, 0.58, 0.61, 0.07
HSL	3°, 81%, 65%
HSV	3°, 61%, 93%
XYZ	41.9340, 28.2927, 13.8405
YIQ	141.1650, 83.8990, 26.8670

Conversions

Conversions Part 2

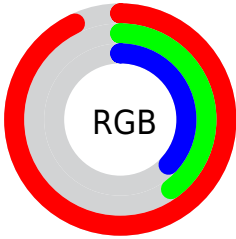
Format	Color
R _Y B	238, 101, 94
Decimal	15623518
CIE Lab	60.15, 52.40, 30.74
CIE LCh	60, 60.746, 30.397
Yxy	28.2927, 0.4988, 0.3365
Android (android.graphics.Color)	4293813598 (0xFFEE655E)
YUV	141.1650, -23.2523, 84.9243
Hunter-Lab	53.1909, 47.6397, 21.8061

Details

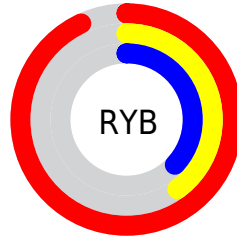
The XYZ color **41.9340, 28.2927, 13.8405** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **48.6223, 65.6999, 91.0073**, and the grayscale version is **25.4486, 26.7739, 29.1568**.

A 20% lighter version of the original color is **58.2393, 47.0813, 32.8061**, and **19.3764, 11.3203, 3.9601** is the 20% darker color. If you saturate the color by 10%, you get **39.1221, 24.1229, 8.4218**, and if you desaturate by 10%, it is **45.6818, 33.8081, 21.1954**.

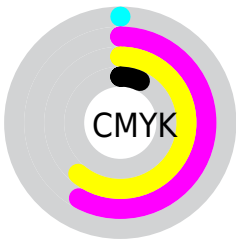
Distribution



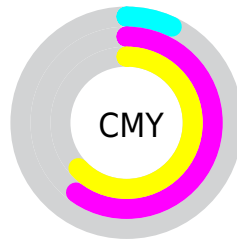
- Red (93%)
- Green (40%)
- Blue (37%)



- Red (93%)
- Yellow (40%)
- Blue (37%)



- Cyan (0%)
- Magenta (58%)
- Yellow (61%)
- Black (7%)





- Cyan (7%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9340, 28.2927, 13.8405 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 41.9340, 28.2927, 13.8405 by changing the saturation by 10% instead.


 41.9340, 28.2927,
13.8405


 41.9340, 28.2927,
13.8405


345.2056,
293.8629, 227.6301

 29.2405, 18.5464,
7.8723


 77.3655, 56.9514,
33.5188


 19.4080, 11.3430,
3.9268


 100.8342, 76.6326,
48.0660

 12.0712, 6.2980,
1.5853


 128.6254,
100.3943, 66.3100

 6.8647, 3.0271,
0.2803

 161.1044,
128.6208, 88.6692

 3.4232, 1.1459,
0.0000

198.6366,
161.6965, 115.5623

 1.3813, 0.0169,
0.0000

241.5872,

 0.2429, 0.0000,

200.0058, 147.4078

0.0000

290.3218,
243.9332, 184.6243

■ 0.0000, 0.0000,
0.0000

■ 41.9340, 28.2927,
13.8405

■ 41.9340, 28.2927,
13.8405

■ 39.1221, 24.1229,
8.4218

■ 45.6818, 33.8081,
21.1954

■ 37.1617, 21.1793,
4.7558

■ 50.4362, 40.7660,
30.6446

■ 35.9566, 19.3297,
2.6257

■ 56.2634, 49.2596,
42.3314

■ 35.3862, 18.4300,
1.6923

■ 63.2234, 59.3730,
56.3862

■ 71.3716, 71.1843,
72.9294

■ 80.7600, 84.7665,
92.0731

■ 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.



44.7542, 28.2927, 30.5108



41.9340, 28.2927, 13.8405



34.9614, 28.2927, 6.5789

Triad

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



41.9340, 28.2927, 13.8405



15.8870, 28.2927, 14.1435



26.9949, 28.2927, 96.3952

Complementary

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



41.9340, 28.2927, 13.8405



48.6223, 65.6999, 91.0073

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.



20.1698, 28.2927, 84.9430



41.9340, 28.2927, 13.8405



14.5543, 28.2927, 31.1030

Square

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



41.9340, 28.2927, 13.8405



20.0224, 28.2927, 6.6853



15.9599, 28.2927, 57.9008



35.1751, 28.2927, 84.3621

Rectangle

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



41.9340, 28.2927, 13.8405



29.4597, 28.2927, 4.9546



15.9599, 28.2927, 57.9008



24.4768, 28.2927, 95.1211

Sweetspot

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



41.9347, 28.2943, 13.8410



76.1383, 72.6230, 70.3912



53.9990, 32.0772, 80.5858



15.7365, 14.7315, 13.9315



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.



41.9347, 28.2943, 13.8410



45.0275, 27.1237, 8.4680



51.8053, 48.0356, 17.1312



15.8345, 15.8821, 16.3807



19.7685, 10.3350, 0.9529



1.6661, 0.9029, 0.0865

Inverse Universe

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



48.6223, 65.6999, 91.0073



53.4314, 74.3553, 106.1436



32.8286, 34.1125, 85.7427



16.1776, 17.7893, 20.3026



23.8747, 33.9736, 50.4271



2.0063, 2.8666, 4.2018

Previews

White Background



This preview shows how the XYZ color 41.9340, 28.2927, 13.8405 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 41.9340, 28.2927, 13.8405 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 41.9340, 28.2927, 13.8405

Background



This preview shows how black text looks on a background with the XYZ color 41.9340, 28.2927, 13.8405.



This preview shows how white text looks on a background with the XYZ color 41.9340, 28.2927,

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

41.9340, 28.2927, 13.8405

Protanopia

26.5676, 28.3892, 19.4086

Deuteranopia

28.8574, 28.3835, 12.9744



Tritanopia

42.6600, 28.3150, 16.8526

Trichromacy



Original Color

41.9340, 28.2927, 13.8405

Protanomaly

30.4076, 27.0347, 16.9802

Deuteranomaly

32.7323, 27.5475, 13.2649

Tritanomaly

42.5520, 28.4244, 15.8141

Monochromacy



Original Color

41.9340, 28.2927, 13.8405

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

29.0034, 25.6071, 22.4828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9340, 28.2927, 13.8405 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, 101, 94)` looks like.

```
.text, #text, p{  
    color:rgb(238, 101, 94)  
}
```

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, 101, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 101, 94) }
```

Border

The CSS property to change the border of an element to XYZ 41.9340, 28.2927, 13.8405 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, 101, 94) }
```


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

```
.border{ border-color:rgb(238, 101, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 101, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 101, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 101, 94);  
box-shadow:4px 4px 4px 4px rgb(238, 101,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9340, 28.2927, 13.8405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 101, 94) }
```

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

```
.background{ background-color: rgb(238,  
101, 94) }
```

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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