

Converting Colors

XYZ(40.4352, 25.7921, 13.4369)

Have a look what the booklet for
XYZ(40.4352, 25.7921, 13.4369)
contains.

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Color

**XYZ(40.4352, 25.7921,
13.4369)**

Conversions

Conversions Part 1

Format	Color
Hex	ED585E
RGB	237, 88, 94
RGB Percent	93%, 35%, 37%
CMY	0.0706, 0.6549, 0.6314
CMYK	0.00, 0.63, 0.60, 0.07
HSL	358°, 81%, 64%
HSV	358°, 63%, 93%
XYZ	40.4352, 25.7921, 13.4369
YIQ	133.2350, 86.8780, 33.4540

Conversions

Conversions Part 2

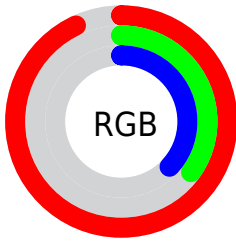
Format	Color
R_{YB}	237, 88, 94
Decimal	15554654
CIE _{Lab}	57.84, 57.78, 27.74
CIE _{LCh}	58, 64.088, 25.644
Yxy	25.7921, 0.5076, 0.3238
Android (android.graphics.Color)	4293744734 (0xFFED585E)
YUV	133.2350, -19.3429, 91.0019
Hunter-Lab	50.7859, 53.2444, 19.8632

Details

The XYZ color **40.4352, 25.7921, 13.4369** 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 **48.7343, 68.4133, 86.2436**, and the grayscale version is **22.4272, 23.5952, 25.6951**.

A 20% lighter version of the original color is **56.2473, 43.2201, 31.7633**, and **18.5603, 10.0226, 3.7526** is the 20% darker color. If you saturate the color by 10%, you get **37.9213, 22.1644, 8.2836**, and if you desaturate by 10%, it is **43.8831, 30.8071, 20.3854**.

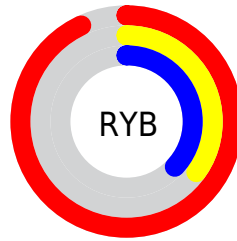
Distribution



Red (93%)

Green (35%)

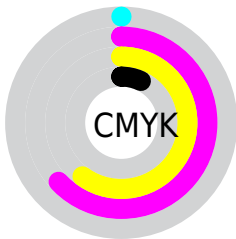
Blue (37%)



Red (93%)

Yellow (35%)

Blue (37%)

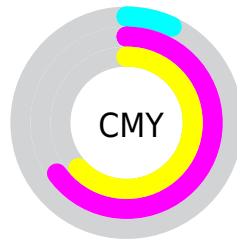


Cyan (0%)

Magenta (63%)

Yellow (60%)

Black (7%)



Cyan (7%)


Magenta (65%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4352, 25.7921, 13.4369 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 40.4352, 25.7921, 13.4369 by changing the saturation by 10% instead.


 40.4352, 25.7921,
13.4369


 40.4352, 25.7921,
13.4369


339.0575,
281.7600, 225.0043


 28.0637, 16.6682,
7.5958

 75.1059, 52.9394,
32.7891


 18.5144, 9.9982,
3.7534


 98.1359, 71.7315,
47.1373

 11.4219, 5.3978,
1.4911


 125.4494, 94.5151,
65.1584

 6.4207, 2.4825,
0.2112

 157.4118,
121.6747, 87.2707

 3.1456, 0.8678,
0.0000

194.3884,
153.5946, 113.8929

 1.2312, 0.0000,
0.0000

236.7447,

 0.1308, 0.0000,

190.6592, 145.4436

0.0000

284.8460,
233.2528, 182.3412

■ 0.0000, 0.0000,
0.0000

■ 40.4352, 25.7921,
13.4369

■ 40.4352, 25.7921,
13.4369

■ 37.9213, 22.1644,
8.2836

■ 43.8831, 30.8071,
20.3854

■ 36.2485, 19.7810,
4.7591

■ 48.3425, 37.3253,
29.2725


■ 35.3078, 18.4761,
2.6686


■ 53.8849, 45.4554,
40.2287


■ 34.9772, 18.0254,
1.9094

■ 60.5747, 55.2949,
53.3728

■ 68.4715, 66.9335,
68.8143

 77.6306, 80.4546,
86.6559

 88.1039, 95.9366,
106.9937

 88.7349, 96.7445,
108.6045

Harmonies

Analogous

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



42.4441, 25.7921, 31.4297



40.4352, 25.7921, 13.4369



33.8576, 25.7921, 5.6054

Triad

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



40.4352, 25.7921, 13.4369



14.2088, 25.7921, 10.3042



23.4068, 25.7921, 95.1519

Complementary

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



40.4352, 25.7921, 13.4369



48.7343, 68.4133, 86.2436

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.



17.0710, 25.7921, 79.6627



40.4352, 25.7921, 13.4369



12.5147, 25.7921, 24.9831

Square

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



40.4352, 25.7921, 13.4369



18.6480, 25.7921, 4.5755



13.4410, 25.7921, 50.7271



31.4983, 25.7921, 86.2946

Rectangle

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



40.4352, 25.7921, 13.4369



28.3730, 25.7921, 3.7761



13.4410, 25.7921, 50.7271



21.0229, 25.7921, 92.4662

Sweetspot

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



40.4358, 25.7936, 13.4373



74.8906, 70.2465, 69.6084



51.2654, 29.8440, 83.1790



15.4802, 14.2263, 13.8235



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.



40.4358, 25.7936, 13.4373



44.2109, 25.3593, 8.6004



48.4172, 42.1701, 14.8222



15.0900, 15.0639, 15.7593



19.1077, 9.8458, 1.1024



1.5091, 0.7766, 0.1322

Inverse Universe

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



40.4358, 25.7936, 13.4373



44.2109, 25.3593, 8.6004



33.6774, 36.9217, 85.4721



15.0900, 15.0639, 15.7593



19.1077, 9.8458, 1.1024



1.5091, 0.7766, 0.1322

Previews

White Background



This preview shows how the XYZ color 40.4352, 25.7921, 13.4369 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 40.4352, 25.7921, 13.4369 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 40.4352, 25.7921, 13.4369

Background



This preview shows how black text looks on a background with the XYZ color 40.4352, 25.7921, 13.4369.



This preview shows how white text looks on a background with the XYZ color 40.4352, 25.7921,

13.4369.

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

40.4352, 25.7921, 13.4369

Protanopia

24.4176, 25.9292, 20.2409

Deuteranopia

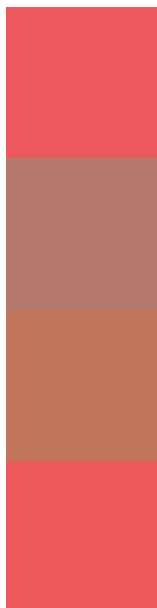
26.2563, 25.7880, 12.6106



Tritanopia

40.3906, 25.7743, 13.2020

Trichromacy



Original Color

40.4352, 25.7921, 13.4369

Protanomaly

28.2456, 24.2189, 17.3734

Deuteranomaly

30.1991, 24.7982, 12.8677

Tritanomaly

40.3906, 25.7743, 13.2020

Monochromacy



Original Color

40.4352, 25.7921, 13.4369

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.4856, 22.7124, 20.4408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4352, 25.7921, 13.4369 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, 88, 94)` looks like.

```
.text, #text, p{  
    color:rgb(237, 88, 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(237, 88, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 88, 94) }
```

Border

The CSS property to change the border of an element to XYZ 40.4352, 25.7921, 13.4369 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, 88, 94) }
```


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

```
.border{ border-color:rgb(237, 88, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 88, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 88, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 88, 94);  
box-shadow:4px 4px 4px 4px rgb(237, 88,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4352, 25.7921, 13.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 88, 94) }
```

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

```
.background{ background-color: rgb(237, 88,  
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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