

Converting Colors

XYZ(40.2158, 25.2786, 17.5611)

Have a look what the booklet for
XYZ(40.2158, 25.2786, 17.5611)
contains.

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Color

**XYZ(40.3239, 25.2850,
17.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	EB556E
RGB	235, 85, 110
RGB Percent	92%, 33%, 43%
CMY	0.0784, 0.6666, 0.5686
CMYK	0.00, 0.64, 0.53, 0.08
HSL	350°, 79%, 63%
HSV	350°, 64%, 92%
XYZ	40.3239, 25.2850, 17.5070
YIQ	132.7000, 81.3750, 39.5750

Conversions

Conversions Part 2

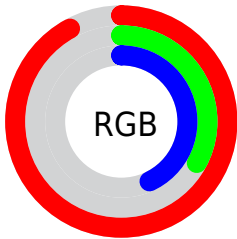
Format	Color
R_{YB}	235, 85, 110
Decimal	15422830
CIE Lab	57.35, 59.53, 17.71
CIE LCh	57, 62.110, 16.572
Yxy	25.2850, 0.4852, 0.3042
Android (android.graphics.Color)	4293612910 (0xFFEB556E)
YUV	132.7000, -11.1911, 89.7171
Hunter-Lab	50.2842, 55.1454, 14.5565

Details

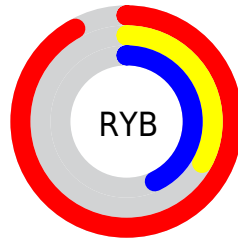
The XYZ color **40.3239, 25.2850, 17.5070** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **45.0893, 66.0017, 71.3416**, and the grayscale version is **22.2052, 23.3616, 25.4408**.

A 20% lighter version of the original color is **57.1979, 42.8830, 38.9808**, and **18.3471, 9.6757, 5.6032** is the 20% darker color. If you saturate the color by 10%, you get **37.8201, 21.7995, 11.9804**, and if you desaturate by 10%, it is **43.6787, 30.0956, 24.4802**.

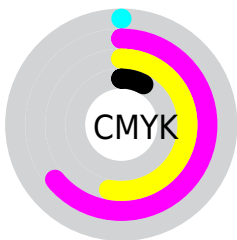
Distribution



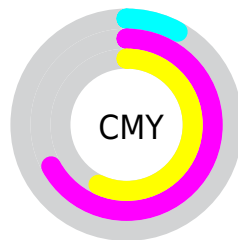
- Red (92%)
- Green (33%)
- Blue (43%)



- Red (92%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (64%)
- Yellow (53%)
- Black (8%)





- Cyan (8%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3239, 25.2850, 17.5070 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 40.3239, 25.2850, 17.5070 by changing the saturation by 10% instead.


 40.3239, 25.2850,
17.5070


 40.3239, 25.2850,
17.5070

338.5979,
279.2543, 250.2195


 27.9765, 16.2895,
10.4309


 74.9377, 52.1192,
39.9980


 18.4483, 9.7293,
5.5762


 97.9348, 70.7267,
56.2499

 11.3740, 5.2198,
2.5246


 125.2125, 93.3070,
76.3975

 6.3881, 2.3768,
0.8531

 157.1362,
120.2445, 100.8593

 3.1254, 0.8139,
0.0000

194.0713,
151.9236, 130.0539

 1.2204, 0.0000,
0.0000

236.3830,

 0.1224, 0.0000,

188.7287, 164.3997

0.0000

284.4368,
231.0441, 204.3154

■ 0.0000, 0.0000,
0.0000

■ 40.3239, 25.2850,
17.5070

■ 40.3239, 25.2850,
17.5070

■ 37.8201, 21.7995,
11.9804

■ 43.6787, 30.0956,
24.4802

■ 36.0861, 19.5017,
7.7952

■ 47.9517, 36.3426,
32.9922


■ 35.0278, 18.2312,
4.8334


■ 53.2054, 44.1301,
43.1288


■ 34.6295, 17.8096,
3.5453

■ 59.4964, 53.5515,
54.9691

■ 66.8767, 64.6929,
68.5869

 75.3949, 77.6340,
84.0518

 85.0968, 92.4498,
101.4295

 88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



40.6085, 25.2850, 38.0661



40.3239, 25.2850, 17.5070



35.1431, 25.2850, 7.3307

Triad

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



40.3239, 25.2850, 17.5070



15.1445, 25.2850, 8.0013



20.8913, 25.2850, 88.8314

Complementary

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



40.3239, 25.2850, 17.5070



45.0893, 66.0017, 71.3416

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.



15.5518, 25.2850, 68.7442



40.3239, 25.2850, 17.5070



12.7212, 25.2850, 19.1447

Square

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



40.3239, 25.2850, 17.5070



20.2152, 25.2850, 4.0823



12.8533, 25.2850, 40.7960



28.3027, 25.2850, 87.5800

Rectangle

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



40.3239, 25.2850, 17.5070



30.1153, 25.2850, 4.5650



12.8533, 25.2850, 40.7960



18.8297, 25.2850, 84.0398

Sweetspot

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



40.3245, 25.2864, 17.5074



75.6612, 70.5548, 73.6667



44.8233, 26.1985, 81.2912



15.6624, 14.2992, 14.7825



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.



40.3245, 25.2864, 17.5074



44.6902, 25.1137, 12.4723



44.5657, 35.6478, 13.1282



15.1678, 15.0950, 16.1692



19.3043, 9.9244, 2.1376



1.5462, 0.7914, 0.3275

Inverse Universe

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



40.3245, 25.2864, 17.5074



44.6902, 25.1137, 12.4723



36.0921, 42.6290, 84.9228



15.1678, 15.0950, 16.1692



19.3043, 9.9244, 2.1376



1.5462, 0.7914, 0.3275

Previews

White Background



This preview shows how the XYZ color 40.3239, 25.2850, 17.5070 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 40.3239, 25.2850, 17.5070 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 40.3239, 25.2850, 17.5070

Background



This preview shows how black text looks on a background with the XYZ color 40.3239, 25.2850, 17.5070.



This preview shows how white text looks on a background with the XYZ color 40.3239, 25.2850,

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

40.3239, 25.2850, 17.5070

Protanopia

24.3741, 25.3316, 26.8974

Deuteranopia

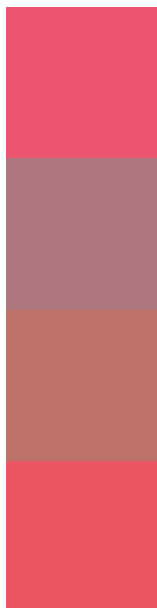
25.8037, 25.2683, 16.3492



Tritanopia

39.3972, 25.2622, 13.1556

Trichromacy



Original Color

40.3239, 25.2850, 17.5070

Protanomaly

27.9884, 23.6031, 23.1594

Deuteranomaly

29.7185, 24.1209, 16.7251

Tritanomaly

39.5920, 25.2097, 14.5836

Monochromacy



Original Color

40.3239, 25.2850, 17.5070

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.5246, 22.5175, 22.3503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3239, 25.2850, 17.5070 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(235, 85, 110)` looks like.

```
.text, #text, p{  
    color:rgb(235, 85, 110)  
}
```

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(235, 85, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 85, 110) }
```

Border

The CSS property to change the border of an element to XYZ 40.3239, 25.2850, 17.5070 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(235, 85, 110) }
```


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

```
.border{ border-color:rgb(235, 85, 110) }
```

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

Here you see how a box with a 4 pixel rgb(235, 85, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 85, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 85, 110);  
box-shadow:4px 4px 4px 4px rgb(235, 85,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3239, 25.2850, 17.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 85, 110) }
```

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

```
.background{ background-color: rgb(235, 85,  
110) }
```

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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