

Converting Colors

XYZ(40.5527, 25.7304, 14.8301)

Have a look what the booklet for
XYZ(40.5527, 25.7304, 14.8301)
contains.

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Color

**XYZ(40.6335, 25.7410,
14.8835)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5764
RGB	237, 87, 100
RGB Percent	93%, 34%, 39%
CMY	0.0706, 0.6588, 0.6078
CMYK	0.00, 0.63, 0.58, 0.07
HSL	355°, 81%, 64%
HSV	355°, 63%, 93%
XYZ	40.6335, 25.7410, 14.8835
YIQ	133.3320, 85.2270, 35.8430

Conversions

Conversions Part 2

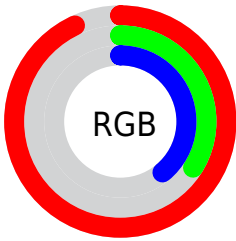
Format	Color
R_{YB}	237, 87, 100
Decimal	15554404
CIE Lab	57.79, 58.60, 24.20
CIE LCh	58, 63.400, 22.438
Yxy	25.7410, 0.5001, 0.3168
Android (android.graphics.Color)	4293744484 (0xFFED5764)
YUV	133.3320, -16.4327, 90.9168
Hunter-Lab	50.7356, 54.1711, 18.1219

Details

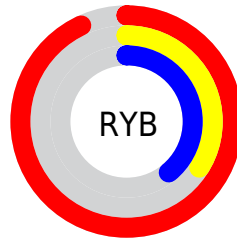
The XYZ color **40.6335, 25.7410, 14.8835** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **47.6710, 67.9770, 81.1350**, and the grayscale version is **22.4528, 23.6221, 25.7245**.

A 20% lighter version of the original color is **56.6484, 43.1393, 34.6192**, and **18.6514, 9.9931, 4.4358** is the 20% darker color. If you saturate the color by 10%, you get **38.1074, 22.1490, 9.5411**, and if you desaturate by 10%, it is **44.0687, 30.7064, 21.9024**.

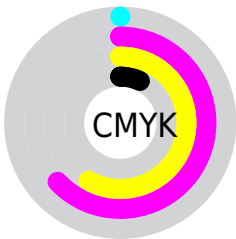
Distribution



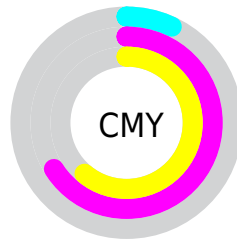
- Red (93%)
- Green (34%)
- Blue (39%)



- Red (93%)
- Yellow (34%)
- Blue (39%)



- Cyan (0%)
- Magenta (63%)
- Yellow (58%)
- Black (7%)





- Cyan (7%)
- Magenta (66%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6335, 25.7410, 14.8835 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 40.6335, 25.7410, 14.8835 by changing the saturation by 10% instead.

 40.6335, 25.7410,
14.8835


 40.6335, 25.7410,
14.8835


339.8753,
281.5083, 234.2764


 28.2192, 16.6300,
8.5920


 75.4054, 52.8568,
35.3881

 18.6323, 9.9710,
4.3828


 98.4938, 71.6304,
50.4382

 11.5073, 5.3798,
1.8376


 125.8710, 94.3936,
69.2449

 6.4789, 2.4718,
0.4526

 157.9022,
121.5309, 92.2268

 3.1818, 0.8624,
0.0000

194.9529,
153.4266, 119.8023

 1.2506, 0.0000,
0.0000

237.3884,

 0.1458, 0.0000,

190.4652, 152.3901

0.0000

285.5741,
233.0310, 190.4086

■ 0.0000, 0.0000,
0.0000

■ 40.6335, 25.7410,
14.8835

■ 40.6335, 25.7410,
14.8835

■ 38.1074, 22.1490,
9.5411

■ 44.0687, 30.7064,
21.9024

■ 36.4018, 19.7883,
5.7336

■ 48.4870, 37.1601,
30.7210


■ 35.4131, 18.4940,
3.2980


■ 53.9566, 45.2099,
41.4523


■ 35.0559, 18.0569,
2.3244

■ 60.5395, 54.9525,
54.1997

■ 68.2925, 66.4767,
69.0591

 77.2687, 79.8654,
86.1204

 87.5178, 95.1961,
105.4682

 88.7349, 96.7444,
108.6045

Harmonies

Analogous

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



42.0241, 25.7410, 33.9109



40.6335, 25.7410, 14.8835



34.5128, 25.7410, 6.2057

Triad

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



40.6335, 25.7410, 14.8835



14.6044, 25.7410, 9.4582



22.5908, 25.7410, 93.4621

Complementary

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



40.6335, 25.7410, 14.8835



47.6710, 67.9770, 81.1350

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.



16.5869, 25.7410, 76.0910



40.6335, 25.7410, 14.8835



12.6397, 25.7410, 22.8674

Square

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



40.6335, 25.7410, 14.8835



19.2958, 25.7410, 4.3986



13.2816, 25.7410, 47.2558



30.4861, 25.7410, 87.3337

Rectangle

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



40.6335, 25.7410, 14.8835



29.1514, 25.7410, 4.0532



13.2816, 25.7410, 47.2558



20.3117, 25.7410, 89.9612

Sweetspot

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



40.6341, 25.7424, 14.8839



75.1701, 70.3583, 71.0802



48.8193, 28.4620, 83.0410



15.5462, 14.2527, 14.1705



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.



40.6341, 25.7424, 14.8839



44.2941, 25.1687, 9.7286



47.0801, 39.5618, 14.1736



15.1184, 15.0752, 15.9090



19.1589, 9.8663, 1.3724



1.5227, 0.7820, 0.2039

Inverse Universe

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



40.6341, 25.7424, 14.8839



44.2941, 25.1687, 9.7286



34.9401, 39.5867, 85.9199



15.1184, 15.0752, 15.9090



19.1589, 9.8663, 1.3724



1.5227, 0.7820, 0.2039

Previews

White Background



This preview shows how the XYZ color 40.6335, 25.7410, 14.8835 looks on a white background.

Color Contrast Check

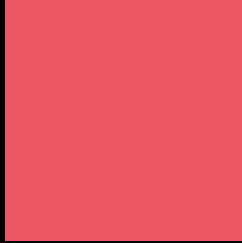
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.6335, 25.7410, 14.8835 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 40.6335, 25.7410, 14.8835

Background



This preview shows how black text looks on a background with the XYZ color 40.6335, 25.7410, 14.8835.



This preview shows how white text looks on a background with the XYZ color 40.6335, 25.7410,

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

40.6335, 25.7410, 14.8835

Protanopia

24.5478, 25.9402, 22.7819

Deuteranopia

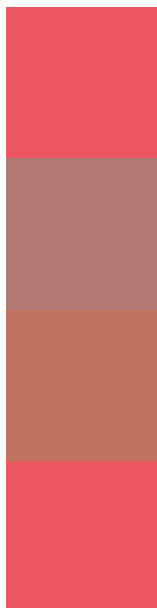
26.2997, 25.7809, 13.9460



Tritanopia

40.3906, 25.7743, 13.2020

Trichromacy



Original Color

40.6335, 25.7410, 14.8835

Protanomaly

28.1711, 24.1357, 19.3935

Deuteranomaly

30.0949, 24.5418, 14.2172

Tritanomaly

40.5261, 25.8285, 13.9158

Monochromacy



Original Color

40.6335, 25.7410, 14.8835

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.4912, 22.5292, 21.0415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6335, 25.7410, 14.8835 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, 87, 100)` looks like.

```
.text, #text, p{  
    color:rgb(237, 87, 100)  
}
```

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, 87, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 87, 100) }
```

Border

The CSS property to change the border of an element to XYZ 40.6335, 25.7410, 14.8835 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, 87, 100) }
```


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

```
.border{ border-color:rgb(237, 87, 100) }
```

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

Here you see how a box with a 4 pixel rgb(237, 87, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 87, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 87, 100);  
box-shadow:4px 4px 4px 4px rgb(237, 87,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6335, 25.7410, 14.8835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 87, 100) }
```

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

```
.background{ background-color: rgb(237, 87,  
100) }
```

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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