

# Converting Colors

XYZ(41.0769, 25.6077, 15.4187)

Have a look what the booklet for  
XYZ(41.0769, 25.6077, 15.4187)  
contains.

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# Color

**XYZ(41.1652, 25.6507,  
15.3518)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF5466
RGB	239, 84, 102
RGB Percent	94%, 33%, 40%
CMY	0.0627, 0.6705, 0.6000
CMYK	0.00, 0.65, 0.57, 0.06
HSL	353°, 83%, 63%
HSV	353°, 65%, 94%
XYZ	41.1652, 25.6507, 15.3518
YIQ	132.3970, 86.6020, 38.4580

# Conversions

## Conversions Part 2

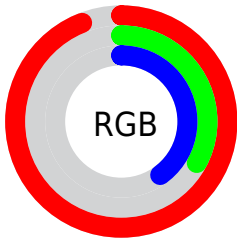
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 84, 102
Decimal	15684710
CIE <sub>Lab</sub>	57.70, 60.61, 22.98
CIE <sub>LCh</sub>	58, 64.819, 20.765
Yxy	25.6507, 0.5010, 0.3122
Android (android.graphics.Color)	4293874790 (0xFFEF5466)
YUV	132.3970, -14.9857, 93.4908
Hunter-Lab	50.6465, 56.4524, 17.4808

# Details

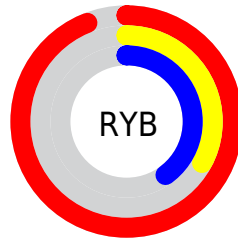
The XYZ color **41.1652, 25.6507, 15.3518** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **47.5757, 68.8389, 79.1925**, and the grayscale version is **22.1074, 23.2587, 25.3287**.

A 20% lighter version of the original color is **56.5146, 42.6097, 35.3828**, and **18.9781, 9.9370, 4.5322** is the 20% darker color. If you saturate the color by 10%, you get **38.6986, 22.1861, 10.0027**, and if you desaturate by 10%, it is **44.5326, 30.4900, 22.3184**.

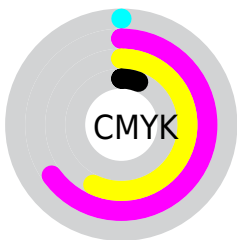
# Distribution



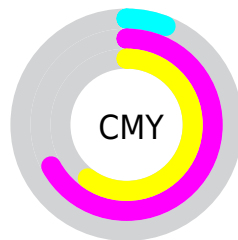
- Red (94%)
- Green (33%)
- Blue (40%)



- Red (94%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (65%)
- Yellow (57%)
- Black (6%)




- Cyan (6%)
- Magenta (67%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1652, 25.6507, 15.3518 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 41.1652, 25.6507, 15.3518 by changing the saturation by 10% instead.




 41.1652, 25.6507,  
15.3518


 41.1652, 25.6507,  
15.3518


342.0614,  
281.0632, 237.1995


 28.6364, 16.5625,  
8.9173


 76.2077, 52.7109,  
36.2202

 18.9489, 9.9231,  
4.5912


 99.4522, 71.4517,  
51.4911

 11.7371, 5.3480,  
1.9550


 126.9993, 94.1788,  
70.5446

 6.6359, 2.4528,  
0.5274

 159.2144,  
121.2767, 93.7992

 3.2797, 0.8529,  
0.0000

196.4627,  
153.1296, 121.6735

 1.3034, 0.0000,  
0.0000

239.1098,

 0.1857, 0.0000,

190.1221, 154.5859

0.0000

287.5209,  
232.6385, 192.9551

■ 0.0000, 0.0000,  
0.0000

■ 41.1652, 25.6507,  
15.3518

■ 41.1652, 25.6507,  
15.3518

■ 38.6986, 22.1861,  
10.0027

■ 44.5326, 30.4900,  
22.3184

■ 37.0427, 19.9487,  
6.1384

■ 48.8753, 36.8230,  
31.0182


■ 36.0917, 18.7652,  
3.6067


■ 54.2622, 44.7607,  
41.5576


■ 35.8030, 18.4332,  
2.7535

■ 60.7556, 54.4024,  
54.0341

■ 68.4125, 65.8395,  
68.5382

 77.2863, 79.1566,  
85.1548

 87.4270, 94.4332,  
103.9639

 89.4064, 97.0906,  
108.6359

# Harmonies

## Analogous

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



42.2753, 25.6507, 35.3646



41.1652, 25.6507, 15.3518



35.0895, 25.6507, 6.1821

# Triad

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



41.1652, 25.6507, 15.3518



14.5519, 25.6507, 8.6805



22.0629, 25.6507, 94.9167

# Complementary

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



41.1652, 25.6507, 15.3518



47.5757, 68.8389, 79.1925

# 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.



16.1071, 25.6507, 75.8340



41.1652, 25.6507, 15.3518



12.4178, 25.6507, 21.6167

# Square

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



41.1652, 25.6507, 15.3518



19.4629, 25.6507, 3.9967



12.9193, 25.6507, 45.9872



30.0630, 25.6507, 89.9814



# Rectangle

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



41.1652, 25.6507, 15.3518



29.6343, 25.6507, 3.8908



12.9193, 25.6507, 45.9872



19.7870, 25.6507, 90.8358

# Sweetspot

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



41.1658, 25.6521, 15.3522



75.3496, 70.4302, 72.0255



48.5446, 27.9333, 84.4940



15.5886, 14.2696, 14.3939



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.



41.1658, 25.6521, 15.3522



44.0772, 24.6653, 9.8708



47.0831, 38.7629, 13.3900



15.8474, 15.7887, 16.7527



19.8097, 10.1963, 1.6487



1.6722, 0.8579, 0.2645



# Inverse Universe

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



41.1658, 25.6521, 15.3522



44.0772, 24.6653, 9.8708



35.4749, 40.5932, 87.6265



15.8474, 15.7887, 16.7527



19.8097, 10.1963, 1.6487



1.6722, 0.8579, 0.2645



# Previews

## White Background



This preview shows how the XYZ color 41.1652, 25.6507, 15.3518 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

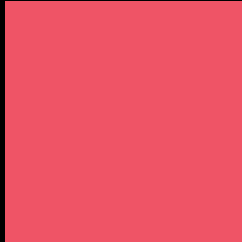
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 41.1652, 25.6507, 15.3518 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 41.1652, 25.6507, 15.3518

## Background



This preview shows how black text looks on a background with the XYZ color 41.1652, 25.6507, 15.3518.



This preview shows how white text looks on a background with the XYZ color 41.1652, 25.6507,



# 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

41.1652, 25.6507, 15.3518

### Protanopia

24.5650, 25.9268, 23.7883

### Deuteranopia

26.1338, 25.6902, 14.1710



## Tritanopia

40.4760, 25.5881, 12.7032

# Trichromacy



## Original Color

41.1652, 25.6507, 15.3518

## Protanomaly

28.4572, 24.0854, 20.2886

## Deuteranomaly

30.2807, 24.4620, 14.4349

## Tritanomaly

40.5740, 25.5004, 13.6101

# Monochromacy



## Original Color

41.1652, 25.6507, 15.3518

## Achromatopsia

21.9318, 23.0740, 25.1276

## Achromatomaly

26.3765, 22.2999, 21.0033

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 41.1652, 25.6507, 15.3518 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(239, 84, 102)` looks like.

```
.text, #text, p{  
    color:rgb(239, 84, 102)  
}
```

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(239, 84, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 84, 102) }
```

## Border

The CSS property to change the border of an element to XYZ 41.1652, 25.6507, 15.3518 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(239, 84, 102) }
```



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

```
.border{ border-color:rgb(239, 84, 102) }
```

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

Here you see how a box with a 4 pixel rgb(239, 84, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 84, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 84, 102);  
box-shadow:4px 4px 4px 4px rgb(239, 84,  
102) }
```

# Background

The CSS property to change the background color of an element to XYZ 41.1652, 25.6507, 15.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 84, 102) }
```

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

```
.background{ background-color: rgb(239, 84,  
102) }
```

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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