

Converting Colors

XYZ(40.6441, 25.1398, 15.2482)

Have a look what the booklet for
XYZ(40.6441, 25.1398, 15.2482)
contains.

XYZ(40.6755, 25.1710, 15.2850)	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(40.6755, 25.1710,
15.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	EE5266
RGB	238, 82, 102
RGB Percent	93%, 32%, 40%
CMY	0.0667, 0.6784, 0.6000
CMYK	0.00, 0.66, 0.57, 0.07
HSL	352°, 82%, 63%
HSV	352°, 66%, 93%
XYZ	40.6755, 25.1710, 15.2850
YIQ	130.9240, 86.5560, 39.2920

Conversions

Conversions Part 2

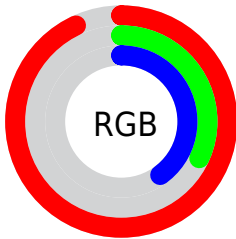
Format	Color
R_{YB}	238, 82, 102
Decimal	15618662
CIE Lab	57.24, 61.10, 22.33
CIE LCh	57, 65.050, 20.081
Yxy	25.1710, 0.5014, 0.3102
Android (android.graphics.Color)	4293808742 (0xFFEE5266)
YUV	130.9240, -14.2595, 93.9057
Hunter-Lab	50.1707, 56.9187, 17.0562

Details

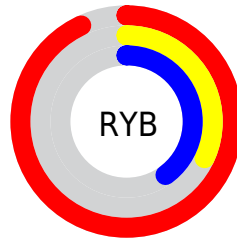
The XYZ color **40.6755, 25.1710, 15.2850** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **46.7110, 68.0056, 77.0000**, and the grayscale version is **21.5751, 22.6987, 24.7188**.

A 20% lighter version of the original color is **56.2224, 42.0251, 35.2854**, and **18.7051, 9.6893, 4.6257** is the 20% darker color. If you saturate the color by 10%, you get **38.2781, 21.8222, 10.0286**, and if you desaturate by 10%, it is **43.9538, 29.8697, 22.1059**.

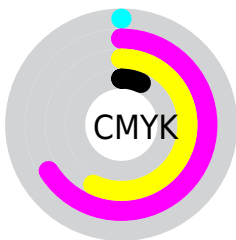
Distribution



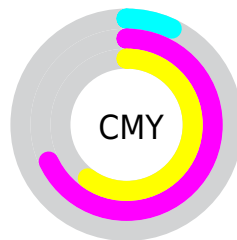
- Red (93%)
- Green (32%)
- Blue (40%)



- Red (93%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (66%)
- Yellow (57%)
- Black (7%)





- Cyan (7%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6755, 25.1710, 15.2850 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 40.6755, 25.1710, 15.2850 by changing the saturation by 10% instead.

 40.6755, 25.1710,
15.2850


 40.6755, 25.1710,
15.2850


340.0483,
278.6885, 236.7847


 28.2522, 16.2045,
8.8708

 75.4689, 51.9345,
36.1017

 18.6573, 9.6690,
4.5613


 98.5696, 70.5003,
51.3414

 11.5254, 5.1800,
1.9381

 125.9602, 93.0346,
70.3599

 6.4913, 2.3533,
0.5168

 158.0060,
119.9219, 93.5758

 3.1895, 0.8017,
0.0000

195.0724,
151.5466, 121.4077

 1.2548, 0.0000,
0.0000

237.5246,

 0.1490, 0.0000,

188.2929, 154.2742

0.0000

285.7282,
230.5454, 192.5937

■ 0.0000, 0.0000,
0.0000

■ 40.6755, 25.1710,
15.2850

■ 40.6755, 25.1710,
15.2850

■ 38.2781, 21.8222,
10.0286

■ 43.9538, 29.8697,
22.1059

■ 36.6725, 19.6763,
6.2098

■ 48.1865, 36.0370,
30.6019


■ 35.7538, 18.5591,
3.6832

■ 53.4416, 43.7832,
40.8748


■ 35.5006, 18.2734,
2.9182

■ 59.7803, 53.2069,
53.0181

■ 67.2588, 64.3988,
67.1186

 75.9296, 77.4429,
83.2576

 85.8419, 92.4179,
101.5118

 89.0698, 96.9171,
108.6201

Harmonies

Analogous

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



41.6490, 25.1710, 35.3690



40.6755, 25.1710, 15.2850



34.7244, 25.1710, 6.0667

Triad

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



40.6755, 25.1710, 15.2850



14.2799, 25.1710, 8.2224



21.4662, 25.1710, 93.8794

Complementary

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



40.6755, 25.1710, 15.2850



46.7110, 68.0056, 77.0000

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.



15.6337, 25.1710, 74.4145



40.6755, 25.1710, 15.2850



12.1133, 25.1710, 20.7396

Square

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



40.6755, 25.1710, 15.2850



19.1973, 25.1710, 3.7695



12.5491, 25.1710, 44.6731



29.3698, 25.1710, 89.5358

Rectangle

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



40.6755, 25.1710, 15.2850



29.3246, 25.1710, 3.7586



12.5491, 25.1710, 44.6731



19.2313, 25.1710, 89.6262

Sweetspot

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



40.6761, 25.1724, 15.2854



74.5326, 69.1256, 70.7378



47.1257, 26.9916, 83.6148



15.4327, 14.0175, 14.1584



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.



40.6761, 25.1724, 15.2854



43.9630, 24.4265, 9.8651



46.0456, 37.3113, 12.7595



15.8552, 15.7918, 16.7939



19.8315, 10.2050, 1.7632



1.6759, 0.8594, 0.2840

Inverse Universe

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



40.6761, 25.1724, 15.2854



43.9630, 24.4265, 9.8651



35.3970, 40.9351, 86.9244



15.8552, 15.7918, 16.7939



19.8315, 10.2050, 1.7632



1.6759, 0.8594, 0.2840

Previews

White Background



This preview shows how the XYZ color 40.6755, 25.1710, 15.2850 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 40.6755, 25.1710, 15.2850 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 40.6755, 25.1710, 15.2850

Background



This preview shows how black text looks on a background with the XYZ color 40.6755, 25.1710, 15.2850.



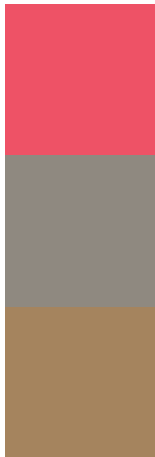
This preview shows how white text looks on a background with the XYZ color 40.6755, 25.1710,

15.2850.

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

40.6755, 25.1710, 15.2850

Protanopia

24.1696, 25.2895, 24.0296

Deuteranopia

25.7887, 25.3100, 14.1158



Tritanopia

39.8985, 25.0664, 12.1866

Trichromacy



Original Color

40.6755, 25.1710, 15.2850

Protanomaly

28.0512, 23.5195, 20.5140

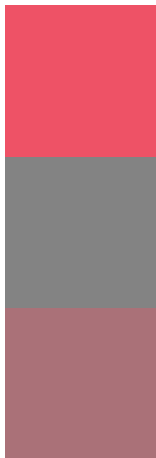
Deuteranomaly

29.9132, 24.1042, 14.3852

Tritanomaly

40.0387, 24.9992, 13.3047

Monochromacy



Original Color

40.6755, 25.1710, 15.2850

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

25.8729, 21.7124, 20.5966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6755, 25.1710, 15.2850 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, 82, 102)` looks like.

```
.text, #text, p{  
    color:rgb(238, 82, 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(238, 82, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 82, 102) }
```

Border

The CSS property to change the border of an element to XYZ 40.6755, 25.1710, 15.2850 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, 82, 102) }
```


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

```
.border{ border-color:rgb(238, 82, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 82, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 82, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 82, 102);  
box-shadow:4px 4px 4px 4px rgb(238, 82,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6755, 25.1710, 15.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 82, 102) }
```

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

```
.background{ background-color: rgb(238, 82,  
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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