

Converting Colors

XYZ(37.6404, 22.9299, 15.2331)

Have a look what the booklet for
XYZ(37.6404, 22.9299, 15.2331)
contains.

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Color

**XYZ(37.6658, 22.9711,
15.2806)**

Conversions

Conversions Part 1

Format	Color
Hex	E64C67
RGB	230, 76, 103
RGB Percent	90%, 30%, 40%
CMY	0.0980, 0.7019, 0.5961
CMYK	0.00, 0.67, 0.55, 0.10
HSL	349°, 75%, 60%
HSV	349°, 67%, 90%
XYZ	37.6658, 22.9711, 15.2806
YIQ	125.1240, 83.1170, 41.0450

Conversions

Conversions Part 2

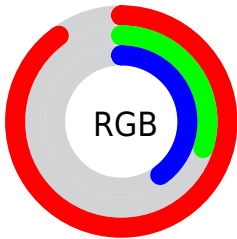
Format	Color
R_{YB}	230, 76, 103
Decimal	15092839
CIE _{Lab}	55.04, 61.04, 18.55
CIE _{LCh}	55, 63.799, 16.906
Yxy	22.9711, 0.4961, 0.3026
Android (android.graphics.Color)	4293282919 (0xFFE64C67)
YUV	125.1240, -10.9071, 91.9763
Hunter-Lab	47.9282, 56.4053, 14.6467

Details

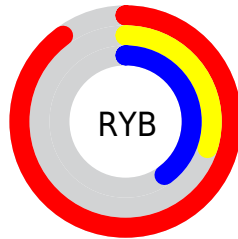
The XYZ color **37.6658, 22.9711, 15.2806** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **42.0585, 62.4426, 66.3411**, and the grayscale version is **19.5518, 20.5700, 22.4008**.

A 20% lighter version of the original color is **55.4603, 40.3682, 35.4406**, and **16.8623, 8.6104, 4.5146** is the 20% darker color. If you saturate the color by 10%, you get **35.5081, 20.0106, 10.3850**, and if you desaturate by 10%, it is **40.6067, 27.1528, 21.5031**.

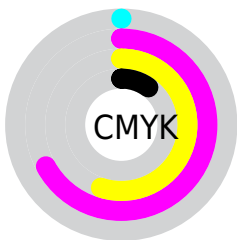
Distribution



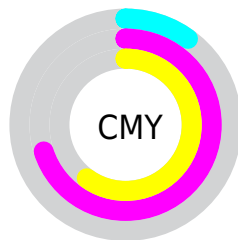
- Red (90%)
- Green (30%)
- Blue (40%)



- Red (90%)
- Yellow (30%)
- Blue (40%)



- Cyan (0%)
- Magenta (67%)
- Yellow (55%)
- Black (10%)




- Cyan (10%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6658, 22.9711, 15.2806 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 37.6658, 22.9711, 15.2806 by changing the saturation by 10% instead.

 37.6658, 22.9711,
15.2806


 37.6658, 22.9711,
15.2806


327.4899,
267.5765, 236.7574


 25.8994, 14.5722,
8.8677


 70.9028, 48.3459,
36.0939

 16.8807, 8.5197,
4.5594


 93.1042, 66.0905,
51.3315


 10.2443, 4.4292,
1.9370


 119.5146, 87.7191,
70.3477

 5.6247, 1.9165,
0.5161

 150.4994,
113.6162, 93.5611

 2.6567, 0.5582,
0.0000

 186.4240,
144.1661, 121.3902

 0.9749, 0.0000,
0.0000

227.6537,

 0.0000, 0.0000,

179.7532, 154.2536

0.0000

274.5539,
220.7618, 192.5698

■ 37.6658, 22.9711,
15.2806

■ 37.6658, 22.9711,
15.2806

■ 35.5081, 20.0106,
10.3850

■ 40.6067, 27.1528,
21.5031

■ 34.0536, 18.1344,
6.7161

■ 44.3968, 32.6655,
29.1401


■ 33.2042, 17.1731,
4.1593


■ 49.0968, 39.6113,
38.2728

■ 33.0215, 16.9783,
3.5723


■ 54.7614, 48.0812,
48.9758

■ 61.4408, 58.1585,
61.3188

 69.1819, 69.9207,
75.3672

 78.0283, 83.4400,
91.1828

 86.4027, 95.5468,
108.2845

 86.4431, 95.5630,
108.4972

Harmonies

Analogous

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



38.0049, 22.9711, 34.9513



37.6658, 22.9711, 15.2806



32.5466, 22.9711, 5.9508

Triad

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



37.6658, 22.9711, 15.2806



13.3073, 22.9711, 6.6851



18.8855, 22.9711, 85.6561

Complementary

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



37.6658, 22.9711, 15.2806



42.0585, 62.4426, 66.3411

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.



13.7742, 22.9711, 65.7829



37.6658, 22.9711, 15.2806



11.0564, 22.9711, 17.1614

Square

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



37.6658, 22.9711, 15.2806



18.1004, 22.9711, 3.1575



11.2064, 22.9711, 38.1858



26.0472, 22.9711, 84.1360

Rectangle

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



37.6658, 22.9711, 15.2806



27.6353, 22.9711, 3.5347



11.2064, 22.9711, 38.1858



16.9062, 22.9711, 80.9384

Sweetspot

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



37.6664, 22.9724, 15.2810



74.8354, 69.2467, 72.3321



41.1624, 23.4076, 77.2114



15.5039, 14.0460, 14.5330



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.



37.6664, 22.9724, 15.2810



44.1342, 24.3118, 11.3314



41.2428, 31.9547, 10.8333



14.4796, 14.4090, 15.4600



18.7262, 9.6247, 2.1870



1.4142, 0.7234, 0.3218

Inverse Universe

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



37.6664, 22.9724, 15.2810



44.1342, 24.3118, 11.3314



33.8361, 40.3939, 80.8763



14.4796, 14.4090, 15.4600



18.7262, 9.6247, 2.1870



1.4142, 0.7234, 0.3218

Previews

White Background



This preview shows how the XYZ color 37.6658, 22.9711, 15.2806 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 37.6658, 22.9711, 15.2806 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 37.6658, 22.9711, 15.2806

Background



This preview shows how black text looks on a background with the XYZ color 37.6658, 22.9711, 15.2806.



This preview shows how white text looks on a background with the XYZ color 37.6658, 22.9711,

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

37.6658, 22.9711, 15.2806

Protanopia

22.2722, 23.2651, 24.4358

Deuteranopia

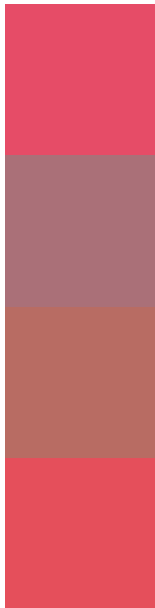
23.6053, 23.1914, 14.2986



Tritanopia

36.7820, 23.0354, 10.8952

Trichromacy



Original Color

37.6658, 22.9711, 15.2806

Protanomaly

25.7619, 21.4905, 20.5596

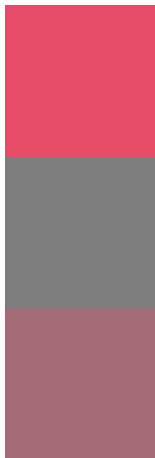
Deuteranomaly

27.3819, 21.8163, 14.5722

Tritanomaly

36.9974, 23.0053, 12.3880

Monochromacy



Original Color

37.6658, 22.9711, 15.2806

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.5728, 19.5863, 19.3677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6658, 22.9711, 15.2806 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(230, 76, 103)` looks like.

```
.text, #text, p{  
    color:rgb(230, 76, 103)  
}
```

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(230, 76, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 76, 103) }
```

Border

The CSS property to change the border of an element to XYZ 37.6658, 22.9711, 15.2806 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(230, 76, 103) }
```


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

```
.border{ border-color:rgb(230, 76, 103) }
```

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

Here you see how a box with a 4 pixel rgb(230, 76, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 76, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 76, 103);  
box-shadow:4px 4px 4px 4px rgb(230, 76,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6658, 22.9711, 15.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 76, 103) }
```

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

```
.background{ background-color: rgb(230, 76,  
103) }
```

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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