

Converting Colors

XYZ(37.0656, 21.5349, 14.3922)

Have a look what the booklet for
XYZ(37.0656, 21.5349, 14.3922)
contains.

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Color

**XYZ(37.1374, 21.5953,
14.5229)**

Conversions

Conversions Part 1

Format	Color
Hex	E74065
RGB	231, 64, 101
RGB Percent	91%, 25%, 40%
CMY	0.0941, 0.7490, 0.6039
CMYK	0.00, 0.72, 0.56, 0.09
HSL	347°, 78%, 58%
HSV	347°, 72%, 91%
XYZ	37.1374, 21.5953, 14.5229
YIQ	118.1510, 87.6550, 46.9110

Conversions

Conversions Part 2

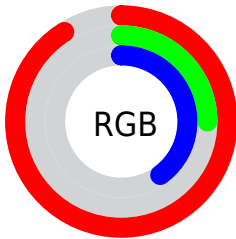
Format	Color
R_{YB}	231, 64, 101
Decimal	15155301
CIE Lab	53.59, 65.56, 17.80
CIE LCh	54, 67.930, 15.195
Yxy	21.5953, 0.5070, 0.2948
Android (android.graphics.Color)	4293345381 (0xFFE74065)
YUV	118.1510, -8.4554, 98.9686
Hunter-Lab	46.4707, 61.3256, 14.0004

Details

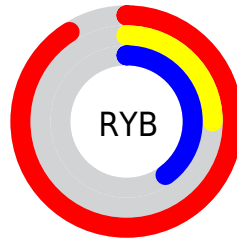
The XYZ color **37.1374, 21.5953, 14.5229** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **40.4297, 62.1375, 60.9080**, and the grayscale version is **17.2750, 18.1747, 19.7922**.

A 20% lighter version of the original color is **53.9905, 37.6929, 34.1356**, and **17.0518, 8.7109, 4.3971** is the 20% darker color. If you saturate the color by 10%, you get **35.3068, 19.1934, 10.0310**, and if you desaturate by 10%, it is **39.7009, 25.1548, 20.2105**.

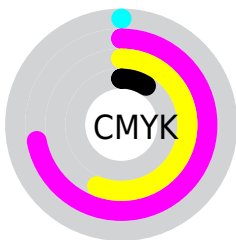
Distribution



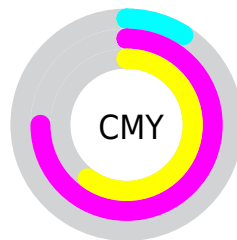
- Red (91%)
- Green (25%)
- Blue (40%)



- Red (91%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (72%)
- Yellow (56%)
- Black (9%)





- Cyan (9%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1374, 21.5953, 14.5229 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 37.1374, 21.5953, 14.5229 by changing the saturation by 10% instead.


 37.1374, 21.5953,
14.5229


 37.1374, 21.5953,
14.5229


325.2502,
260.4255, 232.0004


 25.4881, 13.5598,
8.3424


 70.0965, 46.0762,
34.7444

 16.5717, 7.8152,
4.2239


 92.1370, 63.2904,
49.6224


 10.0230, 3.9769,
1.7490


 118.3719, 84.3330,
68.2367

 5.4766, 1.6607,
0.3940

 149.1666,
109.5884, 91.0057

 2.5671, 0.3980,
0.0000

 184.8864,
139.4409, 118.3481

 0.9292, 0.0000,
0.0000

225.8967,

 0.0000, 0.0000,

174.2750, 150.6823

0.0000

272.5629,
214.4751, 188.4269

■ 37.1374, 21.5953,
14.5229

■ 37.1374, 21.5953,
14.5229

■ 35.3068, 19.1934,
10.0310

■ 39.7009, 25.1548,
20.2105

■ 34.1233, 17.7975,
6.6430


■ 43.0666, 29.9916,
27.1736

■ 33.5562, 17.2294,
4.7085


■ 47.2973, 36.2142,
35.4855

■ 52.4489, 43.9186,
45.2141

■ 58.5724, 53.1923,
56.4220

 65.7153, 64.1158,
69.1684

 73.9217, 76.7642,
83.5090

 83.2332, 91.2079,
99.4968

 86.7649, 95.7289,
108.5123

Harmonies

Analogous

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



37.1738, 21.5953, 35.2659



37.1374, 21.5953, 14.5229



32.0037, 21.5953, 5.0366

Triad

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



37.1374, 21.5953, 14.5229



12.1366, 21.5953, 5.1056



17.1647, 21.5953, 87.1105

Complementary

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



37.1374, 21.5953, 14.5229



40.4297, 62.1375, 60.9080

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.



12.1839, 21.5953, 64.7527



37.1374, 21.5953, 14.5229



9.7805, 21.5953, 14.7139

Square

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



37.1374, 21.5953, 14.5229



17.0835, 21.5953, 2.1954



9.7955, 21.5953, 35.6106



24.4017, 21.5953, 86.9424

Rectangle

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



37.1374, 21.5953, 14.5229



26.9492, 21.5953, 2.7009



9.7955, 21.5953, 35.6106



15.2138, 21.5953, 81.5846

Sweetspot

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



37.1379, 21.5965, 14.5232



73.4393, 66.7804, 70.8621



38.0051, 20.6487, 77.5836



15.2440, 13.5715, 14.3068



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.



37.1379, 21.5965, 14.5232



43.3221, 22.9697, 10.1912



39.3005, 28.1989, 8.2237



14.5070, 14.4200, 15.6045



18.8503, 9.6743, 2.8404



1.4274, 0.7287, 0.3911

Inverse Universe

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



37.1379, 21.5965, 14.5232



43.3221, 22.9697, 10.1912



34.1968, 42.1758, 81.9395



14.5070, 14.4200, 15.6045



18.8503, 9.6743, 2.8404



1.4274, 0.7287, 0.3911

Previews

White Background



This preview shows how the XYZ color 37.1374, 21.5953, 14.5229 looks on a white background.

Color Contrast Check

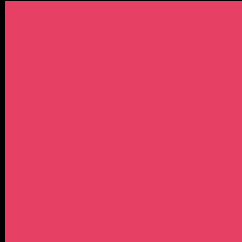
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1374, 21.5953, 14.5229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

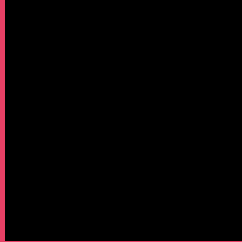
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1374, 21.5953, 14.5229

Background



This preview shows how black text looks on a background with the XYZ color 37.1374, 21.5953, 14.5229.



This preview shows how white text looks on a background with the XYZ color 37.1374, 21.5953,

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

37.1374, 21.5953, 14.5229

Protanopia

21.0900, 21.8501, 24.9357

Deuteranopia

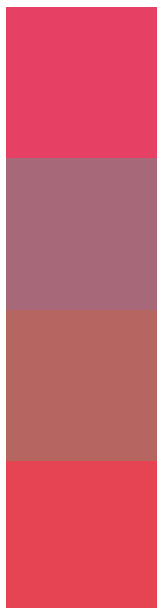
22.0076, 21.6316, 13.3713



Tritanopia

36.0259, 21.6844, 8.5901

Trichromacy



Original Color

37.1374, 21.5953, 14.5229

Protanomaly

24.4391, 19.6991, 20.6034

Deuteranomaly

25.9187, 20.1710, 13.5937

Tritanomaly

36.2616, 21.5818, 10.4381

Monochromacy



Original Color

37.1374, 21.5953, 14.5229

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

21.5904, 17.2761, 17.5259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1374, 21.5953, 14.5229 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(231, 64, 101)` looks like.

```
.text, #text, p{  
    color:rgb(231, 64, 101)  
}
```

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(231, 64, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 64, 101) }
```

Border

The CSS property to change the border of an element to XYZ 37.1374, 21.5953, 14.5229 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(231, 64, 101) }
```


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

```
.border{ border-color:rgb(231, 64, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 64, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 64, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 64, 101);  
box-shadow:4px 4px 4px 4px rgb(231, 64,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1374, 21.5953, 14.5229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 64, 101) }
```

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

```
.background{ background-color: rgb(231, 64,  
101) }
```

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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