

Converting Colors

XYZ(37.3831, 24.5825, 14.0327)

Have a look what the booklet for
XYZ(37.3831, 24.5825, 14.0327)
contains.

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Color

**XYZ(37.2628, 24.5140,
14.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	E25B61
RGB	226, 91, 97
RGB Percent	89%, 36%, 38%
CMY	0.1137, 0.6431, 0.6196
CMYK	0.00, 0.60, 0.57, 0.11
HSL	357°, 70%, 62%
HSV	357°, 60%, 89%
XYZ	37.2628, 24.5140, 14.0770
YIQ	132.0490, 78.5340, 30.4860

Conversions

Conversions Part 2

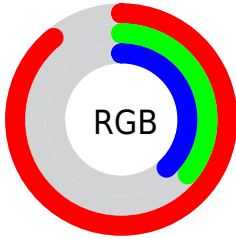
Format	Color
RYB	226, 91, 97
Decimal	14834529
CIELab	56.60, 53.02, 24.04
CIELCh	57, 58.215, 24.391
Yxy	24.5140, 0.4912, 0.3232
Android (android.graphics.Color)	4293024609 (0xFFE25B61)
YUV	132.0490, -17.2792, 82.3950
Hunter-Lab	49.5116, 47.6951, 17.8010

Details

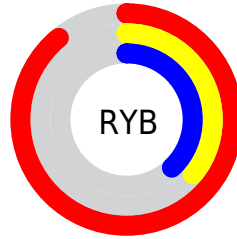
The XYZ color **37.2628, 24.5140, 14.0770** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **44.4306, 61.7847, 77.2989**, and the grayscale version is **21.9913, 23.1366, 25.1957**.

A 20% lighter version of the original color is **56.8642, 43.9559, 33.5042**, and **16.6584, 9.3261, 4.0541** is the 20% darker color. If you saturate the color by 10%, you get **34.7397, 20.8660, 8.9259**, and if you desaturate by 10%, it is **40.6428, 29.4374, 20.8662**.

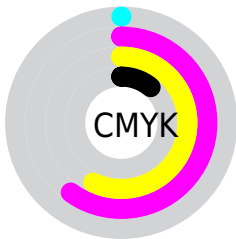
Distribution



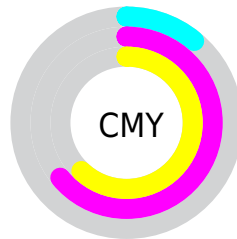
- Red (89%)
- Green (36%)
- Blue (38%)



- Red (89%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (60%)
- Yellow (57%)
- Black (11%)





- Cyan (11%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2628, 24.5140, 14.0770 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 37.2628, 24.5140, 14.0770 by changing the saturation by 10% instead.

 37.2628, 24.5140,
14.0770


 37.2628, 24.5140,
14.0770


325.7827,
275.4089, 229.1544


 25.5856, 15.7153,
8.0349


 70.2880, 50.8677,
33.9447

 16.6450, 9.3229,
4.0292


 92.3667, 69.1915,
48.6073

 10.0754, 4.9524,
1.6414


 118.6434, 91.4592,
66.9805

 5.5116, 2.2194,
0.3201

 149.4833,
118.0551, 89.4829

 2.5883, 0.7305,
0.0000

185.2518,
149.3636, 116.5329

 0.9400, 0.0000,
0.0000

226.3144,

 0.0000, 0.0000,

185.7691, 148.5491

0.0000

273.0362,
227.6561, 185.9501

■ 37.2628, 24.5140,
14.0770

■ 37.2628, 24.5140,
14.0770

■ 34.7397, 20.8660,
8.9259

■ 40.6428, 29.4374,
20.8662

■ 32.9948, 18.3723,
5.2736

■ 44.9454, 35.7349,
29.4148

■ 31.9380, 16.8952,
2.9594

■ 50.2321, 43.5002,
39.8339

■ 31.4287, 16.2052,
1.7765

■ 56.5585, 52.8177,
52.2255

■ 31.4189, 16.1907,
1.7573

■ 63.9762, 63.7653,
66.6837

■ 72.5332, 76.4156,
83.2970

■ 82.2748, 90.8370,
102.1485

■ 85.1739, 94.9087,
108.4378

Harmonies

Analogous

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



38.7851, 24.5140, 30.4996



37.2628, 24.5140, 14.0770



31.7210, 24.5140, 6.4195

Triad

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



37.2628, 24.5140, 14.0770



14.2461, 24.5140, 10.3495



22.0518, 24.5140, 83.5565

Complementary

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



37.2628, 24.5140, 14.0770



44.4306, 61.7847, 77.2989

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.



16.5189, 24.5140, 69.8607



37.2628, 24.5140, 14.0770



12.6066, 24.5140, 23.2145

Square

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



37.2628, 24.5140, 14.0770



18.3318, 24.5140, 5.1121



13.3500, 24.5140, 45.2137



29.0929, 24.5140, 77.0044

Rectangle

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



37.2628, 24.5140, 14.0770



26.9768, 24.5140, 4.4911



13.3500, 24.5140, 45.2137



19.9731, 24.5140, 81.0249

Sweetspot

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



37.2634, 24.5154, 14.0774



75.8401, 71.6201, 71.5454



46.7579, 28.0734, 74.9055



15.6657, 14.4933, 14.2056



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.



37.2634, 24.5154, 14.0774



44.9502, 26.3901, 10.2273



44.4410, 39.3010, 15.1430



13.7318, 13.7103, 14.3577



17.9360, 9.2414, 1.0627



1.2520, 0.6441, 0.1201

Inverse Universe

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



37.2634, 24.5154, 14.0774



44.9502, 26.3901, 10.2273



31.5435, 34.7173, 76.9898



13.7318, 13.7103, 14.3577



17.9360, 9.2414, 1.0627



1.2520, 0.6441, 0.1201

Previews

White Background



This preview shows how the XYZ color 37.2628, 24.5140, 14.0770 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 37.2628, 24.5140, 14.0770 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 37.2628, 24.5140, 14.0770

Background



This preview shows how black text looks on a background with the XYZ color 37.2628, 24.5140, 14.0770.



This preview shows how white text looks on a background with the XYZ color 37.2628, 24.5140,

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

37.2628, 24.5140, 14.0770

Protanopia

23.3427, 24.7323, 20.3731

Deuteranopia

24.9752, 24.5071, 13.3115



Tritanopia

37.2628, 24.5140, 14.0770

Trichromacy



Original Color

37.2628, 24.5140, 14.0770

Protanomaly

26.7645, 23.4430, 17.8662

Deuteranomaly

28.4709, 23.7202, 13.4338

Tritanomaly

37.2628, 24.5140, 14.0770

Monochromacy



Original Color

37.2628, 24.5140, 14.0770

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.4169, 22.1615, 20.3907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2628, 24.5140, 14.0770 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(226, 91, 97)` looks like.

```
.text, #text, p{  
    color:rgb(226, 91, 97)  
}
```

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(226, 91, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 91, 97) }
```

Border

The CSS property to change the border of an element to XYZ 37.2628, 24.5140, 14.0770 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(226, 91, 97) }
```


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

```
.border{ border-color:rgb(226, 91, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 91, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 91, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 91, 97);  
box-shadow:4px 4px 4px 4px rgb(226, 91,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2628, 24.5140, 14.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 91, 97) }
```

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

```
.background{ background-color: rgb(226, 91,  
97) }
```

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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