

Converting Colors

XYZ(37.5415, 25.0384, 17.3605)

Have a look what the booklet for
XYZ(37.5415, 25.0384, 17.3605)
contains.

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Color

**XYZ(37.5035, 24.9568,
17.3085)**

Conversions

Conversions Part 1

Format	Color
Hex	E05E6D
RGB	224, 94, 109
RGB Percent	88%, 37%, 43%
CMY	0.1216, 0.6313, 0.5725
CMYK	0.00, 0.58, 0.51, 0.12
HSL	353°, 68%, 62%
HSV	353°, 58%, 88%
XYZ	37.5035, 24.9568, 17.3085
YIQ	134.5800, 72.6650, 32.2250

Conversions

Conversions Part 2

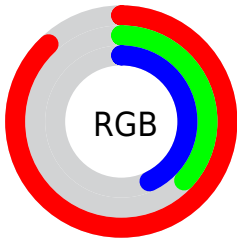
Format	Color
R_{YB}	224, 94, 109
Decimal	14704237
CIE Lab	57.03, 51.93, 17.58
CIE LCh	57, 54.827, 18.699
Yxy	24.9568, 0.4702, 0.3129
Android (android.graphics.Color)	4292894317 (0xFFE05E6D)
YUV	134.5800, -12.6109, 78.4213
Hunter-Lab	49.9568, 46.5790, 14.4276

Details

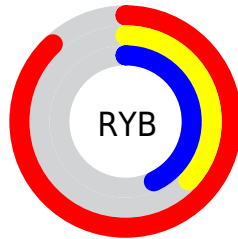
The XYZ color **37.5035, 24.9568, 17.3085** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **42.7819, 60.2950, 69.7091**, and the grayscale version is **22.9009, 24.0935, 26.2378**.

A 20% lighter version of the original color is **58.3326, 45.2930, 38.9257**, and **16.8409, 9.5634, 5.5157** is the 20% darker color. If you saturate the color by 10%, you get **34.8434, 21.1558, 11.7389**, and if you desaturate by 10%, it is **40.9832, 30.0123, 24.3381**.

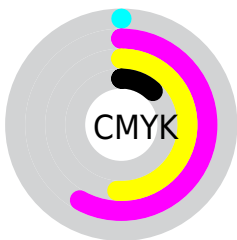
Distribution



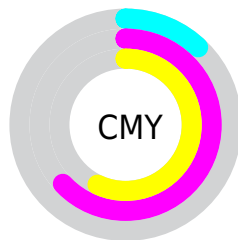
- Red (88%)
- Green (37%)
- Blue (43%)



- Red (88%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (58%)
- Yellow (51%)
- Black (12%)




- Cyan (12%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5035, 24.9568, 17.3085 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 37.5035, 24.9568, 17.3085 by changing the saturation by 10% instead.

 37.5035, 24.9568,
17.3085


 37.5035, 24.9568,
17.3085


326.8031,
277.6227, 249.0478


 25.7730, 16.0449,
10.2904

 70.6553, 51.5871,
39.6533

 16.7857, 9.5559,
5.4838


 92.8074, 70.0743,
55.8172

 10.1762, 5.1055,
2.4702


 119.1640, 92.5221,
75.8666

 5.5791, 2.3093,
0.8243

 150.0905,
119.3147, 100.2203

 2.6291, 0.7786,
0.0000

185.9524,
150.8368, 129.2967

 0.9608, 0.0000,
0.0000

227.1148,

 0.0000, 0.0000,

187.4725, 163.5144

0.0000

273.9433,
229.6064, 203.2919

■ 37.5035, 24.9568,
17.3085

■ 37.5035, 24.9568,
17.3085

■ 34.8434, 21.1558,
11.7389

■ 40.9832, 30.0123,
24.3381

■ 32.9330, 18.4955,
7.5245

■ 45.3408, 36.4150,
32.9197

■ 31.6940, 16.8488,
4.5488

■ 50.6314, 44.2535,
43.1391

■ 31.0192, 16.0353,
2.6709

■ 56.9053, 53.6077,
55.0757

■ 30.9250, 15.9211,
2.4108

■ 64.2088, 64.5516,
68.8034

■ 72.5856, 77.1543,
84.3919

■ 82.0766, 91.4810,
101.9073

■ 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



38.0681, 24.9568, 34.7395



37.5035, 24.9568, 17.3085



32.8771, 24.9568, 8.2793

Triad

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



37.5035, 24.9568, 17.3085



15.5748, 24.9568, 9.8341



21.3740, 24.9568, 78.9572

Complementary

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



37.5035, 24.9568, 17.3085



42.7819, 60.2950, 69.7091

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.



16.4449, 24.9568, 63.5133



37.5035, 24.9568, 17.3085



13.5246, 24.9568, 20.7948

Square

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



37.5035, 24.9568, 17.3085



19.9649, 24.9568, 5.5124



13.8113, 24.9568, 40.2160



27.9202, 24.9568, 76.5677

Rectangle

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



37.5035, 24.9568, 17.3085



28.5137, 24.9568, 5.7048



13.8113, 24.9568, 40.2160



19.4973, 24.9568, 75.4736

Sweetspot

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



37.5041, 24.9582, 17.3089



77.1750, 73.1637, 75.4616



43.7054, 26.9197, 73.4133



16.1252, 15.0720, 15.4080



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.



37.5041, 24.9582, 17.3089



46.0208, 27.3628, 14.1868



42.7098, 36.5530, 15.3958



13.7712, 13.7261, 14.5653



18.0221, 9.2758, 1.5162



1.2709, 0.6516, 0.2193

Inverse Universe

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



37.5041, 24.9582, 17.3089



46.0208, 27.3628, 14.1868



33.2402, 38.0995, 76.1228



13.7712, 13.7261, 14.5653



18.0221, 9.2758, 1.5162



1.2709, 0.6516, 0.2193

Previews

White Background



This preview shows how the XYZ color 37.5035, 24.9568, 17.3085 looks on a white background.

Color Contrast Check

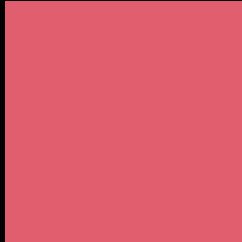
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5035, 24.9568, 17.3085 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 37.5035, 24.9568, 17.3085

Background



This preview shows how black text looks on a background with the XYZ color 37.5035, 24.9568, 17.3085.



This preview shows how white text looks on a background with the XYZ color 37.5035, 24.9568,

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

37.5035, 24.9568, 17.3085

Protanopia

24.1303, 25.2538, 24.7218

Deuteranopia

25.5997, 25.1632, 16.3397



Tritanopia

37.2310, 24.9910, 15.4318

Trichromacy



Original Color

37.5035, 24.9568, 17.3085

Protanomaly

27.3635, 23.8505, 21.5738

Deuteranomaly

29.0358, 24.2911, 16.5229

Tritanomaly

37.3825, 25.0516, 16.2298

Monochromacy



Original Color

37.5035, 24.9568, 17.3085

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.4187, 23.1548, 22.8156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5035, 24.9568, 17.3085 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(224, 94, 109)` looks like.

```
.text, #text, p{  
    color:rgb(224, 94, 109)  
}
```

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(224, 94, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 94, 109) }
```

Border

The CSS property to change the border of an element to XYZ 37.5035, 24.9568, 17.3085 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(224, 94, 109) }
```


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

```
.border{ border-color:rgb(224, 94, 109) }
```

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

Here you see how a box with a 4 pixel rgb(224, 94, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 94, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 94, 109);  
box-shadow:4px 4px 4px 4px rgb(224, 94,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5035, 24.9568, 17.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 94, 109) }
```

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

```
.background{ background-color: rgb(224, 94,  
109) }
```

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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