

Converting Colors

XYZ(37.2174, 24.0156, 16.0950)

Have a look what the booklet for
XYZ(37.2174, 24.0156, 16.0950)
contains.

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Color

**XYZ(37.0909, 24.0069,
16.0435)**

Conversions

Conversions Part 1

Format	Color
Hex	E15869
RGB	225, 88, 105
RGB Percent	88%, 35%, 41%
CMY	0.1176, 0.6549, 0.5882
CMYK	0.00, 0.61, 0.53, 0.12
HSL	353°, 70%, 61%
HSV	353°, 61%, 88%
XYZ	37.0909, 24.0069, 16.0435
YIQ	130.9010, 76.1950, 34.3310

Conversions

Conversions Part 2

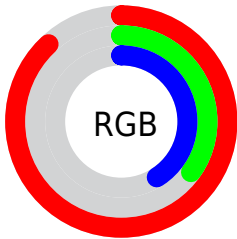
Format	Color
R_{YB}	225, 88, 105
Decimal	14768233
CIE _{Lab}	56.09, 54.63, 18.67
CIE _{LCh}	56, 57.729, 18.865
Yxy	24.0069, 0.4808, 0.3112
Android (android.graphics.Color)	4292958313 (0xFFE15869)
YUV	130.9010, -12.7692, 82.5248
Hunter-Lab	48.9968, 49.3811, 14.8839

Details

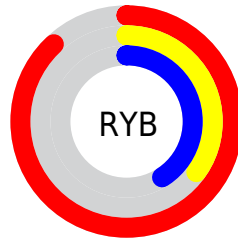
The XYZ color **37.0909, 24.0069, 16.0435** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **42.3365, 60.4798, 69.1215**, and the grayscale version is **21.5641, 22.6871, 24.7063**.

A 20% lighter version of the original color is **57.0632, 43.3052, 36.8037**, and **16.4888, 9.0285, 4.8766** is the 20% darker color. If you saturate the color by 10%, you get **34.6222, 20.5072, 10.7887**, and if you desaturate by 10%, it is **40.3653, 28.7426, 22.7254**.

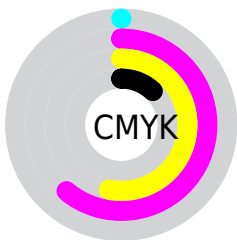
Distribution



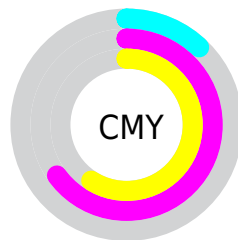
- Red (88%)
- Green (35%)
- Blue (41%)



- Red (88%)
- Yellow (35%)
- Blue (41%)



- Cyan (0%)
- Magenta (61%)
- Yellow (53%)
- Black (12%)





- Cyan (12%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0909, 24.0069, 16.0435 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 37.0909, 24.0069, 16.0435 by changing the saturation by 10% instead.

 37.0909, 24.0069,
16.0435


 37.0909, 24.0069,
16.0435


325.0526,
272.8554, 241.4527


 25.4519, 15.3387,
9.4003


 70.0255, 50.0415,
37.4415

 16.5446, 9.0575,
4.9028


 92.0518, 68.1766,
53.0334

 10.0036, 4.7787,
2.1326


 118.2712, 90.2363,
72.4453

 5.4636, 2.1180,
0.6351

 149.0491,
116.6048, 96.0956

 2.5593, 0.6747,
0.0000

184.7508,
147.6666, 124.4030

 0.9253, 0.0000,
0.0000

225.7417,

 0.0000, 0.0000,

183.8060, 157.7859

0.0000

272.3872,
225.4075, 196.6630

■ 37.0909, 24.0069,
16.0435

■ 37.0909, 24.0069,
16.0435

■ 34.6222, 20.5072,
10.7887

■ 40.3653, 28.7426,
22.7254

■ 32.8866, 18.1243,
6.8550

■ 44.5060, 34.8112,
30.9272

■ 31.8011, 16.7222,
4.1233

■ 49.5697, 42.3046,
40.7355

■ 31.2598, 16.0909,
2.5512

■ 55.6079, 51.3053,
52.2299

■ 62.6681, 61.8896,
65.4845

■ 70.7948, 74.1286,
80.5694

■ 80.0298, 88.0890,
97.5504

■ 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



37.7077, 24.0069, 33.8229



37.0909, 24.0069, 16.0435



32.2474, 24.0069, 7.1855

Triad

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



37.0909, 24.0069, 16.0435



14.5177, 24.0069, 8.7554



20.4489, 24.0069, 80.6305

Complementary

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



37.0909, 24.0069, 16.0435



42.3365, 60.4798, 69.1215

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.



15.4329, 24.0069, 64.2826



37.0909, 24.0069, 16.0435



12.4766, 24.0069, 19.7178

Square

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



37.0909, 24.0069, 16.0435



18.9481, 24.0069, 4.6032



12.7757, 24.0069, 39.7720



27.1815, 24.0069, 77.9679

Rectangle

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



37.0909, 24.0069, 16.0435



27.7172, 24.0069, 4.7601



12.7757, 24.0069, 39.7720



18.5328, 24.0069, 76.9495

Sweetspot

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



37.0915, 24.0082, 16.0439



76.3042, 71.8057, 73.9892



42.7389, 25.6441, 73.9312



15.7763, 14.5376, 14.7879



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.



37.0915, 24.0082, 16.0439



45.2881, 26.2695, 12.7951



41.9358, 34.9577, 13.7715



13.7761, 13.7281, 14.5910



18.0363, 9.2815, 1.5911



1.2732, 0.6525, 0.2314

Inverse Universe

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



37.0915, 24.0082, 16.0439



45.2881, 26.2695, 12.7951



32.9010, 38.0816, 76.8504



13.7761, 13.7281, 14.5910



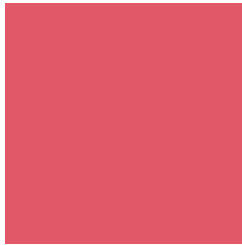
18.0363, 9.2815, 1.5911



1.2732, 0.6525, 0.2314

Previews

White Background



This preview shows how the XYZ color 37.0909, 24.0069, 16.0435 looks on a white background.

Color Contrast Check

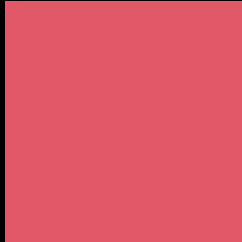
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0909, 24.0069, 16.0435 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 37.0909, 24.0069, 16.0435

Background



This preview shows how black text looks on a background with the XYZ color 37.0909, 24.0069, 16.0435.



This preview shows how white text looks on a background with the XYZ color 37.0909, 24.0069,

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

37.0909, 24.0069, 16.0435

Protanopia

23.0688, 24.0977, 23.8575

Deuteranopia

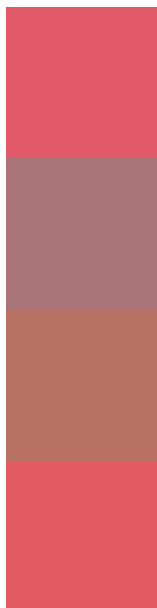
24.5996, 24.0749, 15.1548



Tritanopia

36.4622, 23.9858, 13.5344

Trichromacy



Original Color

37.0909, 24.0069, 16.0435

Protanomaly

26.3290, 22.6247, 20.7486

Deuteranomaly

28.1334, 23.1646, 15.3003

Tritanomaly

36.5650, 23.8929, 14.4890

Monochromacy



Original Color

37.0909, 24.0069, 16.0435

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

25.1606, 21.6659, 21.2682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0909, 24.0069, 16.0435 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(225, 88, 105)` looks like.

```
.text, #text, p{  
    color:rgb(225, 88, 105)  
}
```

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(225, 88, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 88, 105) }
```

Border

The CSS property to change the border of an element to XYZ 37.0909, 24.0069, 16.0435 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(225, 88, 105) }
```


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

```
.border{ border-color:rgb(225, 88, 105) }
```

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

Here you see how a box with a 4 pixel rgb(225, 88, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 88, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 88, 105);  
box-shadow:4px 4px 4px 4px rgb(225, 88,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0909, 24.0069, 16.0435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 88, 105) }
```

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

```
.background{ background-color: rgb(225, 88,  
105) }
```

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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