

Converting Colors

XYZ(37.7458, 25.9409, 15.8496)

Have a look what the booklet for
XYZ(37.7458, 25.9409, 15.8496)
contains.

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Color

**XYZ(37.7458, 25.9409,
15.8496)**

Conversions

Conversions Part 1

Format	Color
Hex	E06467
RGB	224, 100, 103
RGB Percent	88%, 39%, 40%
CMY	0.1216, 0.6078, 0.5961
CMYK	0.00, 0.55, 0.54, 0.12
HSL	359°, 67%, 64%
HSV	359°, 55%, 88%
XYZ	37.7458, 25.9409, 15.8496
YIQ	137.4180, 72.9410, 27.2210

Conversions

Conversions Part 2

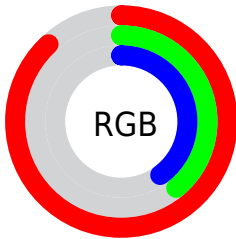
Format	Color
R _Y B	224, 100, 103
Decimal	14705767
CIE Lab	57.98, 48.64, 22.35
CIE LCh	58, 53.524, 24.676
Yxy	25.9409, 0.4746, 0.3262
Android (android.graphics.Color)	4292895847 (0xFFE06467)
YUV	137.4180, -16.9681, 75.9324
Hunter-Lab	50.9322, 43.1548, 17.2021

Details

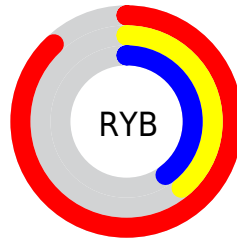
The XYZ color **37.7458, 25.9409, 15.8496** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.9639, 61.2416, 77.8621**, and the grayscale version is **23.9800, 25.2288, 27.4742**.

A 20% lighter version of the original color is **58.6283, 46.7043, 36.4966**, and **17.0006, 10.1320, 4.8010** is the 20% darker color. If you saturate the color by 10%, you get **34.9274, 21.8366, 10.1864**, and if you desaturate by 10%, it is **41.4427, 31.3437, 23.2208**.

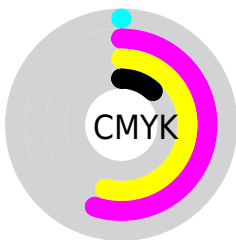
Distribution



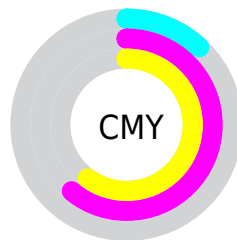
- Red (88%)
- Green (39%)
- Blue (40%)



- Red (88%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (55%)
- Yellow (54%)
- Black (12%)





- Cyan (12%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7458, 25.9409, 15.8496 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 37.7458, 25.9409, 15.8496 by changing the saturation by 10% instead.


 37.7458, 25.9409,
15.8496


 37.7458, 25.9409,
15.8496

327.8280,
282.4918, 240.2679


 25.9618, 16.7794,
9.2646


 71.0248, 53.1796,
37.1001


 16.9276, 10.0774,
4.8150


 93.2504, 72.0256,
52.6026

 10.2779, 5.4503,
2.0823


 119.6873, 94.8686,
71.9147

 5.6472, 2.5138,
0.6052

 150.7008,
122.0929, 95.4549

 2.6704, 0.8835,
0.0000

186.6563,
154.0830, 123.6418

 0.9820, 0.0000,
0.0000

227.9191,

 0.0000, 0.0000,

191.2233, 156.8939

0.0000

274.8545,
233.8981, 195.6298

■ 37.7458, 25.9409,
15.8496

■ 37.7458, 25.9409,
15.8496

■ 34.9274, 21.8366,
10.1864

■ 41.4427, 31.3437,
23.2208

■ 32.9132, 18.9181,
6.0930

■ 46.0808, 38.1370,
32.4208

■ 31.6195, 17.0605,
3.4118

■ 51.7190, 46.4095,
43.5610

■ 30.9436, 16.1093,
1.9518

■ 58.4110, 56.2411,
56.7434

■ 30.7700, 15.8591,
1.5946

■ 66.2068, 67.7063,
72.0630

■ 75.1530, 80.8745,
89.6088

■ 84.5503, 94.5872,
108.4086

Harmonies

Analogous

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



39.1988, 25.9409, 31.6747



37.7458, 25.9409, 15.8496



32.5538, 25.9409, 8.0335

Triad

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



37.7458, 25.9409, 15.8496



15.8504, 25.9409, 12.2710



23.5219, 25.9409, 80.5000

Complementary

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



37.7458, 25.9409, 15.8496



44.9639, 61.2416, 77.8621

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.



18.1516, 25.9409, 68.3210



37.7458, 25.9409, 15.8496



14.2451, 25.9409, 25.0727

Square

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



37.7458, 25.9409, 15.8496



19.8276, 25.9409, 6.6894



15.0076, 25.9409, 45.8418



30.2109, 25.9409, 74.4404

Rectangle

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



37.7458, 25.9409, 15.8496



28.0849, 25.9409, 5.9588



15.0076, 25.9409, 45.8418



21.5183, 25.9409, 78.2877

Sweetspot

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



37.7464, 25.9423, 15.8501



76.6678, 72.9609, 72.7910



47.4872, 29.6924, 73.7490



16.0074, 15.0248, 14.7874



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.



37.7464, 25.9423, 15.8501



46.5021, 28.7792, 12.9480



45.2457, 41.1770, 17.6218



13.7206, 13.7059, 14.2988



17.9165, 9.2336, 0.9599



1.2467, 0.6419, 0.0918

Inverse Universe

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



37.7464, 25.9423, 15.8501



46.5021, 28.7792, 12.9480



32.3719, 35.4137, 75.6500



13.7206, 13.7059, 14.2988



17.9165, 9.2336, 0.9599



1.2467, 0.6419, 0.0918

Previews

White Background



This preview shows how the XYZ color 37.7458, 25.9409, 15.8496 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 37.7458, 25.9409, 15.8496 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 37.7458, 25.9409, 15.8496

Background



This preview shows how black text looks on a background with the XYZ color 37.7458, 25.9409, 15.8496.



This preview shows how white text looks on a background with the XYZ color 37.7458, 25.9409,

15.8496.

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

37.7458, 25.9409, 15.8496

Protanopia

24.7164, 26.0488, 21.8144

Deuteranopia

26.6191, 26.1288, 14.9496



Tritanopia

37.8038, 25.8116, 16.6253

Trichromacy



Original Color

37.7458, 25.9409, 15.8496

Protanomaly

28.0501, 24.9961, 19.2659

Deuteranomaly

29.9507, 25.5113, 15.1500

Tritanomaly

37.7521, 25.7909, 16.3530

Monochromacy



Original Color

37.7458, 25.9409, 15.8496

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.2715, 24.3310, 22.6610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7458, 25.9409, 15.8496 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, 100, 103)` looks like.

```
.text, #text, p{  
    color:rgb(224, 100, 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(224, 100, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 100, 103) }
```

Border

The CSS property to change the border of an element to XYZ 37.7458, 25.9409, 15.8496 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, 100, 103) }
```


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

```
.border{ border-color:rgb(224, 100, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 100, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 100, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 100, 103);  
box-shadow:4px 4px 4px 4px rgb(224, 100,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7458, 25.9409, 15.8496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 100, 103) }
```

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

```
.background{ background-color: rgb(224,  
100, 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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