

Converting Colors

XYZ(37.8511, 25.6835, 14.0995)

Have a look what the booklet for
XYZ(37.8511, 25.6835, 14.0995)
contains.

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Color

**XYZ(37.8430, 25.7486,
14.0418)**

Conversions

Conversions Part 1

Format	Color
Hex	E26260
RGB	226, 98, 96
RGB Percent	89%, 38%, 38%
CMY	0.1137, 0.6157, 0.6235
CMYK	0.00, 0.57, 0.58, 0.11
HSL	1°, 69%, 63%
HSV	1°, 58%, 89%
XYZ	37.8430, 25.7486, 14.0418
YIQ	136.0440, 76.9300, 26.5140

Conversions

Conversions Part 2

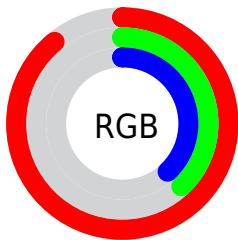
Format	Color
R_{YB}	226, 98, 96
Decimal	14836320
CIE _{Lab}	57.80, 49.74, 26.19
CIE _{LCh}	58, 56.216, 27.770
Yxy	25.7486, 0.4875, 0.3317
Android (android.graphics.Color)	4293026400 (0xFFE26260)
YUV	136.0440, -19.7417, 78.8914
Hunter-Lab	50.7431, 44.3207, 19.1132

Details

The XYZ color **37.8430, 25.7486, 14.0418** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **45.2051, 61.2853, 81.3978**, and the grayscale version is **23.4705, 24.6928, 26.8905**.

A 20% lighter version of the original color is **57.7347, 45.8231, 33.4055**, and **16.9567, 9.9574, 4.0459** is the 20% darker color. If you saturate the color by 10%, you get **35.1475, 21.7904, 8.7268**, and if you desaturate by 10%, it is **41.4173, 30.9863, 21.1254**.

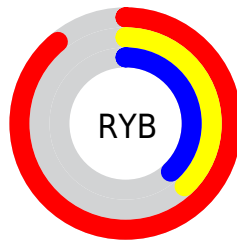
Distribution



Red (89%)

Green (38%)

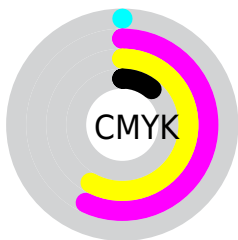
Blue (38%)



Red (89%)

Yellow (38%)

Blue (38%)

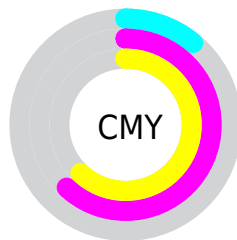


Cyan (0%)

Magenta (57%)

Yellow (58%)

Black (11%)



Cyan (11%)


Magenta (62%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8430, 25.7486, 14.0418 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 37.8430, 25.7486, 14.0418 by changing the saturation by 10% instead.

 37.8430, 25.7486,
14.0418


 37.8430, 25.7486,
14.0418


328.2385,
281.5458, 228.9282


 26.0375, 16.6357,
8.0107


 71.1729, 52.8691,
33.8814

 16.9845, 9.9751,
4.0139


 93.4280, 71.6454,
48.5269

 10.3187, 5.3824,
1.6330


 119.8970, 94.4117,
66.8809

 5.6747, 2.4733,
0.3142

 150.9454,
121.5523, 89.3621

 2.6870, 0.8632,
0.0000

186.9383,
153.4516, 116.3888

 0.9905, 0.0000,
0.0000

228.2412,

 0.0000, 0.0000,

190.4940, 148.3797

0.0000

275.2195,
233.0640, 185.7533

■ 37.8430, 25.7486,
14.0418

■ 37.8430, 25.7486,
14.0418

■ 35.1475, 21.7904,
8.7268

■ 41.4173, 30.9863,
21.1254

■ 33.2533, 18.9985,
5.0235

■ 45.9356, 37.5958,
30.1134

■ 32.0725, 17.2468,
2.7498

■ 51.4588, 45.6659,
41.1300

■ 31.4923, 16.3764,
1.6620

■ 58.0423, 55.2767,
54.2884

■ 31.4017, 16.2444,
1.4804

■ 65.7377, 66.5023,
69.6936

■ 74.5927, 79.4123,
87.4435

■ 84.6528, 94.0720,
107.6305

■ 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.



39.8630, 25.7486, 29.5071



37.8430, 25.7486, 14.0418



32.0660, 25.7486, 6.8863

Triad

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



37.8430, 25.7486, 14.0418



15.0565, 25.7486, 12.5205



23.9717, 25.7486, 83.9732

Complementary

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



37.8430, 25.7486, 14.0418



45.2051, 61.2853, 81.3978

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.



18.1850, 25.7486, 72.6815



37.8430, 25.7486, 14.0418



13.6627, 25.7486, 26.6143

Square

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



37.8430, 25.7486, 14.0418



18.9120, 25.7486, 6.3345



14.6941, 25.7486, 49.1578



31.0301, 25.7486, 75.4451

Rectangle

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



37.8430, 25.7486, 14.0418



27.3262, 25.7486, 5.1433



14.6941, 25.7486, 49.1578



21.8262, 25.7486, 82.2906

Sweetspot

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



37.8436, 25.7500, 14.0422



76.7029, 73.2425, 72.1507



49.2742, 30.0255, 75.1496



16.0155, 15.0901, 14.6389



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.



37.8436, 25.7500, 14.0422



45.6528, 27.8246, 10.3712



46.2201, 42.5030, 16.8344



13.7241, 13.7342, 14.2344



17.9227, 9.2832, 0.8472



1.2484, 0.6556, 0.0607

Inverse Universe

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



45.2051, 61.2853, 81.3978



56.1783, 78.6838, 106.8343



31.2963, 33.4676, 76.7615



14.0975, 15.5341, 17.6431



22.8200, 33.1096, 46.2364



1.5876, 2.3068, 3.2068

Previews

White Background



This preview shows how the XYZ color 37.8430, 25.7486, 14.0418 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 37.8430, 25.7486, 14.0418 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 37.8430, 25.7486, 14.0418

Background



This preview shows how black text looks on a background with the XYZ color 37.8430, 25.7486, 14.0418.



This preview shows how white text looks on a background with the XYZ color 37.8430, 25.7486,

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

37.8430, 25.7486, 14.0418

Protanopia

24.3025, 25.8832, 19.6347

Deuteranopia

26.3814, 25.8381, 13.2697



Tritanopia

38.0869, 25.6974, 15.7847

Trichromacy



Original Color

37.8430, 25.7486, 14.0418

Protanomaly

27.7660, 24.7069, 17.2154

Deuteranomaly

29.6345, 25.0245, 13.3935

Tritanomaly

37.9390, 25.6382, 15.0057

Monochromacy



Original Color

37.8430, 25.7486, 14.0418

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.7729, 23.7346, 21.2593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8430, 25.7486, 14.0418 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, 98, 96)` looks like.

```
.text, #text, p{  
    color:rgb(226, 98, 96)  
}
```

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, 98, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 98, 96) }
```

Border

The CSS property to change the border of an element to XYZ 37.8430, 25.7486, 14.0418 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, 98, 96) }
```


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

```
.border{ border-color:rgb(226, 98, 96) }
```

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

Here you see how a box with a 4 pixel rgb(226, 98, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 98, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 98, 96);  
box-shadow:4px 4px 4px 4px rgb(226, 98,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8430, 25.7486, 14.0418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 98, 96) }
```

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

```
.background{ background-color: rgb(226, 98,  
96) }
```

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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