

Converting Colors

XYZ(37.8966, 25.0434, 9.5796)

Have a look what the booklet for
XYZ(37.8966, 25.0434, 9.5796)
contains.

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Color

**XYZ(38.0521, 25.1512,
9.5057)**

Conversions

Conversions Part 1

Format	Color
Hex	E75C4B
RGB	231, 92, 75
RGB Percent	91%, 36%, 29%
CMY	0.0941, 0.6392, 0.7059
CMYK	0.00, 0.60, 0.68, 0.09
HSL	7°, 76%, 60%
HSV	7°, 68%, 91%
XYZ	38.0521, 25.1512, 9.5057
YIQ	131.6230, 88.3010, 24.1810

Conversions

Conversions Part 2

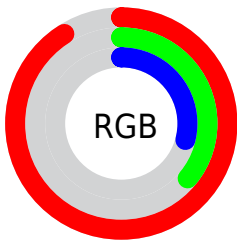
Format	Color
R_{YB}	231, 94, 75
Decimal	15162443
CIE Lab	57.22, 52.90, 37.52
CIE LCh	57, 64.854, 35.350
Yxy	25.1512, 0.5233, 0.3459
Android (android.graphics.Color)	4293352523 (0xFFE75C4B)
YUV	131.6230, -27.9151, 87.1536
Hunter-Lab	50.1510, 47.6729, 23.8678

Details

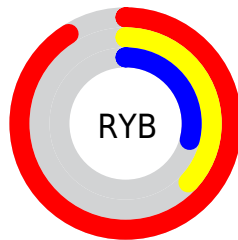
The XYZ color **38.0521, 25.1512, 9.5057** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **41.3698, 55.3541, 84.1047**, and the grayscale version is **21.8724, 23.0115, 25.0595**.

A 20% lighter version of the original color is **55.3118, 43.5827, 24.5658**, and **17.1686, 9.6728, 2.1905** is the 20% darker color. If you saturate the color by 10%, you get **35.8529, 21.7969, 5.5547**, and if you desaturate by 10%, it is **41.0236, 29.5916, 15.1298**.

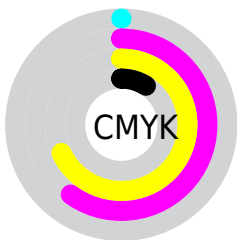
Distribution



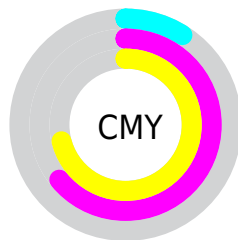
- Red (91%)
- Green (36%)
- Blue (29%)



- Red (91%)
- Yellow (37%)
- Blue (29%)



- Cyan (0%)
- Magenta (60%)
- Yellow (68%)
- Black (9%)





- Cyan (9%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0521, 25.1512, 9.5057 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 38.0521, 25.1512, 9.5057 by changing the saturation by 10% instead.


 38.0521, 25.1512,
9.5057


 38.0521, 25.1512,
9.5057


329.1204,
278.5901, 197.4617

 26.2005, 16.1897,
4.9712


 71.4914, 51.9024,
25.4546


 17.1072, 9.6585,
2.1719


 93.8098, 70.4609,
37.7061

 10.4067, 5.1731,
0.6581


 120.3478, 92.9873,
53.3671

 5.7338, 2.3492,
0.0000

 151.4709,
119.8659, 72.8559

 2.7230, 0.7996,
0.0000

 187.5443,
151.4810, 96.5913

 1.0090, 0.0000,
0.0000

228.9335,

 0.0000, 0.0000,

188.2172, 124.9917

0.0000

276.0037,
230.4587, 158.4757

■ 38.0521, 25.1512,
9.5057

■ 38.0521, 25.1512,
9.5057

■ 35.8529, 21.7969,
5.5547

■ 41.0236, 29.5916,
15.1298

■ 34.3512, 19.4307,
3.0895

■ 44.8293, 35.1963,
22.5846


■ 33.4570, 17.9433,
1.8637


■ 49.5267, 42.0414,
32.0107

■ 33.3063, 17.6920,
1.6595

■ 55.1677, 50.1952,
43.5347

■ 61.8001, 59.7210,
57.2726

 69.4686, 70.6780,
73.3319

 78.2152, 83.1220,
91.8132

 86.7647, 95.7288,
108.5123

Harmonies

Analogous

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



41.7843, 25.1512, 23.6358



38.0521, 25.1512, 9.5057



30.5935, 25.1512, 4.1491

Triad

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



38.0521, 25.1512, 9.5057



12.8575, 25.1512, 13.2851



25.3060, 25.1512, 94.5624

Complementary

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



38.0521, 25.1512, 9.5057



41.3698, 55.3541, 84.1047

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.



18.2709, 25.1512, 86.4404



38.0521, 25.1512, 9.5057



12.0302, 25.1512, 31.5120

Square

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



38.0521, 25.1512, 9.5057



16.3528, 25.1512, 5.3709



13.7878, 25.1512, 59.7800



33.4854, 25.1512, 78.2464

Rectangle

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



38.0521, 25.1512, 9.5057



25.1202, 25.1512, 3.1822



13.7878, 25.1512, 59.7800



22.7306, 25.1512, 94.6651

Sweetspot

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



38.0527, 25.1526, 9.5061



75.0773, 71.4960, 66.9698



47.7880, 26.9479, 67.2421



15.5599, 14.5714, 13.2773



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.



38.0527, 25.1526, 9.5061



44.0341, 25.9797, 5.5390



48.3384, 45.7241, 12.9347



14.5028, 14.6196, 14.9619



18.7158, 10.0057, 0.9449



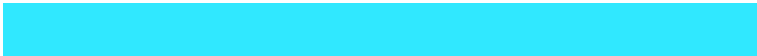
1.4256, 0.8245, 0.0840

Inverse Universe

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



41.3698, 55.3541, 84.1047



48.2824, 65.8436, 104.7721



26.3281, 25.2707, 79.0908



14.6662, 16.0538, 18.4700



20.4910, 28.0441, 46.7162



1.5528, 2.1495, 3.4650

Previews

White Background



This preview shows how the XYZ color 38.0521, 25.1512, 9.5057 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 38.0521, 25.1512, 9.5057 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 38.0521, 25.1512, 9.5057

Background



This preview shows how black text looks on a background with the XYZ color 38.0521, 25.1512, 9.5057.



This preview shows how white text looks on a background with the XYZ color 38.0521, 25.1512,

9.5057.

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

38.0521, 25.1512, 9.5057

Protanopia

23.4147, 25.3392, 13.7821

Deuteranopia

25.7070, 25.1839, 8.8163



Tritanopia

38.9166, 25.1268, 13.6253

Trichromacy



Original Color

38.0521, 25.1512, 9.5057

Protanomaly

27.1075, 23.9303, 11.9944

Deuteranomaly

29.2050, 24.3712, 8.9592

Tritanomaly

38.6963, 25.1727, 12.0518

Monochromacy



Original Color

38.0521, 25.1512, 9.5057

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.3790, 22.1951, 17.9854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0521, 25.1512, 9.5057 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(231, 92, 75)` looks like.

```
.text, #text, p{  
    color:rgb(231, 92, 75)  
}
```

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(231, 92, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 92, 75) }
```

Border

The CSS property to change the border of an element to XYZ 38.0521, 25.1512, 9.5057 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(231, 92, 75) }
```


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

```
.border{ border-color:rgb(231, 92, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 92, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 92, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 92, 75);  
box-shadow:4px 4px 4px 4px rgb(231, 92,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0521, 25.1512, 9.5057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 92, 75) }
```

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

```
.background{ background-color: rgb(231, 92,  
75) }
```

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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