

Converting Colors

XYZ(37.5238, 23.8518, 11.6430)

Have a look what the booklet for
XYZ(37.5238, 23.8518, 11.6430)
contains.

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Color

**XYZ(37.5238, 23.8518,
11.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	E65457
RGB	230, 84, 87
RGB Percent	90%, 33%, 34%
CMY	0.0980, 0.6706, 0.6588
CMYK	0.00, 0.63, 0.62, 0.10
HSL	359°, 74%, 62%
HSV	359°, 63%, 90%
XYZ	37.5238, 23.8518, 11.6430
YIQ	127.9960, 86.0530, 31.8850

Conversions

Conversions Part 2

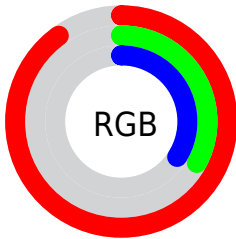
Format	Color
R_{YB}	230, 84, 87
Decimal	15094871
CIE _{Lab}	55.94, 56.71, 29.10
CIE _{LCh}	56, 63.747, 27.165
Yxy	23.8518, 0.5139, 0.3267
Android (android.graphics.Color)	4293284951 (0xFFE65457)
YUV	127.9960, -20.2110, 89.4575
Hunter-Lab	48.8383, 51.6794, 20.0521

Details

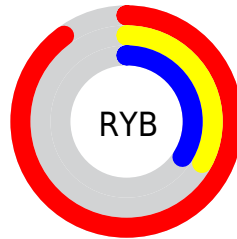
The XYZ color **37.5238, 23.8518, 11.6430** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **45.8199, 64.0251, 82.6219**, and the grayscale version is **20.5645, 21.6355, 23.5611**.

A 20% lighter version of the original color is **55.1334, 41.8223, 28.8336**, and **16.8165, 8.9923, 3.0398** is the 20% darker color. If you saturate the color by 10%, you get **35.2411, 20.5370, 7.0279**, and if you desaturate by 10%, it is **40.6806, 28.4558, 17.9663**.

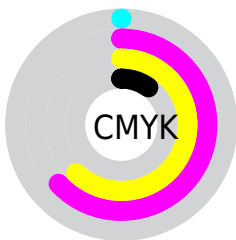
Distribution



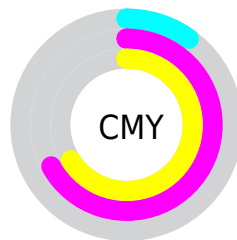
- Red (90%)
- Green (33%)
- Blue (34%)



- Red (90%)
- Yellow (33%)
- Blue (34%)



- Cyan (0%)
- Magenta (63%)
- Yellow (62%)
- Black (10%)





- Cyan (10%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5238, 23.8518, 11.6430 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 37.5238, 23.8518, 11.6430 by changing the saturation by 10% instead.


 37.5238, 23.8518,
11.6430


 37.5238, 23.8518,
11.6430


326.8891,
272.0704, 212.9207


 25.7888, 15.2237,
6.3815


 70.6863, 49.7883,
29.4978


 16.7976, 8.9766,
3.0059


 92.8445, 67.8654,
42.9282


 10.1847, 4.7259,
1.0976


 119.2079, 89.8611,
59.9187

 5.5848, 2.0873,
0.0000

 150.1417,
116.1596, 80.8877

 2.6325, 0.6575,
0.0000

 186.0114,
147.1454, 106.2539

 0.9626, 0.0000,
0.0000

227.1823,

 0.0000, 0.0000,

183.2029, 136.4358

0.0000

274.0197,
224.7164, 171.8518

■ 37.5238, 23.8518,
11.6430

■ 37.5238, 23.8518,
11.6430

■ 35.2411, 20.5370,
7.0279

■ 40.6806, 28.4558,
17.9663

■ 33.7433, 18.3765,
3.9538

■ 44.7857, 34.4582,
26.1413


■ 32.9251, 17.2133,
2.2220


■ 49.9075, 41.9611,
36.2976


■ 32.6588, 16.8332,
1.6632

■ 56.1074, 51.0561,
48.5530

■ 63.4423, 61.8275,
63.0159

 71.9647, 74.3535,
79.7874

 81.7240, 88.7075,
98.9624

 86.4430, 95.5629,
108.4972

Harmonies

Analogous

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



39.6986, 23.8518, 28.0016



37.5238, 23.8518, 11.6430



31.1280, 23.8518, 4.7631

Triad

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



37.5238, 23.8518, 11.6430



12.8349, 23.8518, 9.7472



21.9860, 23.8518, 90.0065

Complementary

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



37.5238, 23.8518, 11.6430



45.8199, 64.0251, 82.6219

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.



15.9029, 23.8518, 76.2368



37.5238, 23.8518, 11.6430



11.3769, 23.8518, 24.0401

Square

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



37.5238, 23.8518, 11.6430



16.8673, 23.8518, 4.1521



12.3675, 23.8518, 48.8777



29.6718, 23.8518, 80.3692

Rectangle

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



37.5238, 23.8518, 11.6430



25.9203, 23.8518, 3.2248



12.3675, 23.8518, 48.8777



19.7042, 23.8518, 87.8450

Sweetspot

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



37.5244, 23.8531, 11.6434



74.7729, 70.1995, 68.9889



48.5468, 28.0842, 77.7247



15.4526, 14.2152, 13.6777



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.



37.5244, 23.8531, 11.6434



43.8785, 25.0025, 7.5404



45.4842, 39.9645, 13.7061



14.3889, 14.3728, 14.9825



18.4951, 9.5322, 0.9701



1.3710, 0.7061, 0.0940

Inverse Universe

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



37.5244, 23.8531, 11.6434



43.8785, 25.0025, 7.5404



30.8374, 33.3935, 79.6829



14.3889, 14.3728, 14.9825



18.4951, 9.5322, 0.9701



1.3710, 0.7061, 0.0940

Previews

White Background



This preview shows how the XYZ color 37.5238, 23.8518, 11.6430 looks on a white background.

Color Contrast Check

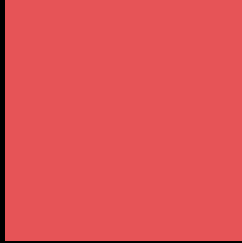
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5238, 23.8518, 11.6430 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 37.5238, 23.8518, 11.6430

Background



This preview shows how black text looks on a background with the XYZ color 37.5238, 23.8518, 11.6430.



This preview shows how white text looks on a background with the XYZ color 37.5238, 23.8518,

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

37.5238, 23.8518, 11.6430

Protanopia

22.5596, 23.9725, 17.6255

Deuteranopia

24.2714, 23.8041, 10.9048



Tritanopia

37.6066, 23.8849, 12.0794

Trichromacy



Original Color

37.5238, 23.8518, 11.6430

Protanomaly

26.2248, 22.5248, 15.0221

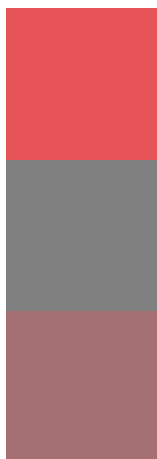
Deuteranomaly

27.8490, 22.7777, 11.1123

Tritanomaly

37.5649, 23.8682, 11.8597

Monochromacy



Original Color

37.5238, 23.8518, 11.6430

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

24.2919, 20.7799, 18.3534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5238, 23.8518, 11.6430 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(230, 84, 87)` looks like.

```
.text, #text, p{  
    color:rgb(230, 84, 87)  
}
```

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(230, 84, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 84, 87) }
```

Border

The CSS property to change the border of an element to XYZ 37.5238, 23.8518, 11.6430 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(230, 84, 87) }
```


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

```
.border{ border-color:rgb(230, 84, 87) }
```

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

Here you see how a box with a 4 pixel rgb(230, 84, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 84, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 84, 87);  
box-shadow:4px 4px 4px 4px rgb(230, 84,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5238, 23.8518, 11.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 84, 87) }
```

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

```
.background{ background-color: rgb(230, 84,  
87) }
```

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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