

Converting Colors

XYZ(37.6490, 24.6422, 11.5762)

Have a look what the booklet for
XYZ(37.6490, 24.6422, 11.5762)
contains.

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Color

**XYZ(37.6490, 24.6422,
11.5762)**

Conversions

Conversions Part 1

Format	Color
Hex	E55A56
RGB	229, 90, 86
RGB Percent	90%, 35%, 34%
CMY	0.1020, 0.6470, 0.6627
CMYK	0.00, 0.61, 0.62, 0.10
HSL	2°, 73%, 62%
HSV	2°, 62%, 90%
XYZ	37.6490, 24.6422, 11.5762
YIQ	131.1050, 84.1280, 28.2240

Conversions

Conversions Part 2

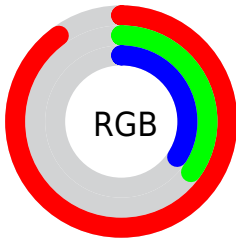
Format	Color
R_{YB}	229, 90, 86
Decimal	15030870
CIE _{Lab}	56.73, 53.73, 30.64
CIE _{LCh}	57, 61.857, 29.693
Yxy	24.6422, 0.5097, 0.3336
Android (android.graphics.Color)	4293220950 (0xFFE55A56)
YUV	131.1050, -22.2368, 85.8539
Hunter-Lab	49.6409, 48.5076, 20.9223

Details

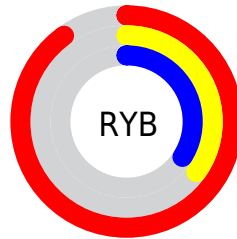
The XYZ color **37.6490, 24.6422, 11.5762** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **44.9037, 61.4818, 83.6289**, and the grayscale version is **21.6678, 22.7962, 24.8251**.

A 20% lighter version of the original color is **55.8093, 43.2884, 28.7066**, and **16.8266, 9.3556, 3.0168** is the 20% darker color. If you saturate the color by 10%, you get **35.2650, 21.1220, 6.9357**, and if you desaturate by 10%, it is **40.8916, 29.4072, 17.9609**.

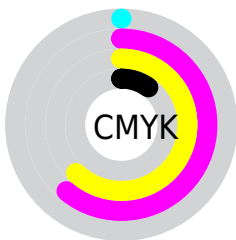
Distribution



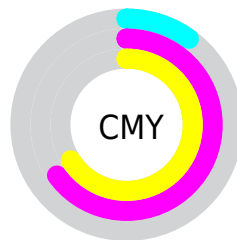
- Red (90%)
- Green (35%)
- Blue (34%)



- Red (90%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (61%)
- Yellow (62%)
- Black (10%)





- Cyan (10%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6490, 24.6422, 11.5762 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 37.6490, 24.6422, 11.5762 by changing the saturation by 10% instead.


 37.6490, 24.6422,
11.5762


 37.6490, 24.6422,
11.5762


327.4188,
276.0514, 212.4564


 25.8864, 15.8107,
6.3368


 70.8772, 51.0762,
29.3736

 16.8709, 9.3903,
2.9788


 93.0735, 69.4474,
42.7687


 10.2372, 4.9966,
1.0838


 119.4783, 91.7674,
59.7194

 5.6200, 2.2453,
0.0000

 150.4571,
118.4204, 80.6443

 2.6539, 0.7445,
0.0000

 186.3752,
149.7909, 105.9619

 0.9735, 0.0000,
0.0000

227.5980,

 0.0000, 0.0000,

186.2633, 136.0908

0.0000

274.4907,
228.2220, 171.4494

■ 37.6490, 24.6422,
11.5762

■ 37.6490, 24.6422,
11.5762

■ 35.2650, 21.1220,
6.9357

■ 40.8916, 29.4072,
17.9609

■ 33.6567, 18.7270,
3.8662

■ 45.0620, 35.5140,
26.2382

■ 32.7276, 17.3215,
2.1612

■ 50.2245, 43.0550,
36.5421

■ 32.3826, 16.7973,
1.5354

■ 56.4371, 52.1130,
48.9938

■ 63.7534, 62.7645,
63.7054

■ 72.2232, 75.0811,
80.7811

■ 81.8934, 89.1297,
100.3184

■ 86.1230, 95.3979,
108.4822

Harmonies

Analogous

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



40.2027, 24.6422, 27.0443



37.6490, 24.6422, 11.5762



31.1384, 24.6422, 5.0768

Triad

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



37.6490, 24.6422, 11.5762



13.3747, 24.6422, 11.3672



23.3475, 24.6422, 89.3500

Complementary

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



37.6490, 24.6422, 11.5762



44.9037, 61.4818, 83.6289

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.



17.0984, 24.6422, 77.7875



37.6490, 24.6422, 11.5762



12.1125, 24.6422, 26.6191

Square

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



37.6490, 24.6422, 11.5762



17.2029, 24.6422, 5.0071



13.3237, 24.6422, 51.6998



30.9832, 24.6422, 78.2206

Rectangle

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



37.6490, 24.6422, 11.5762



25.9910, 24.6422, 3.6572



13.3237, 24.6422, 51.6998



21.0275, 24.6422, 87.9300

Sweetspot

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



37.6496, 24.6436, 11.5766



74.9809, 70.8098, 68.4592



49.4530, 28.8385, 75.3556



15.5015, 14.3587, 13.5531



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.



37.6496, 24.6436, 11.5766



44.2932, 25.8971, 7.4774



46.5433, 42.4311, 14.5412



14.4092, 14.4323, 14.9307



18.5293, 9.6328, 0.8827



1.3808, 0.7348, 0.0691

Inverse Universe

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



44.9037, 61.4818, 83.6289



54.2221, 76.4495, 106.5062



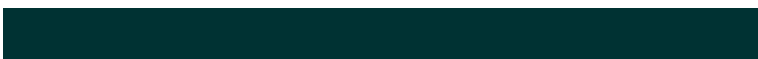
29.7214, 31.1172, 78.5682



14.7710, 16.2634, 18.5050



23.1254, 33.3128, 47.5944



1.7199, 2.4837, 3.5207

Previews

White Background



This preview shows how the XYZ color 37.6490, 24.6422, 11.5762 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 37.6490, 24.6422, 11.5762 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 37.6490, 24.6422, 11.5762

Background



This preview shows how black text looks on a background with the XYZ color 37.6490, 24.6422, 11.5762.



This preview shows how white text looks on a background with the XYZ color 37.6490, 24.6422,

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

37.6490, 24.6422, 11.5762

Protanopia

23.2080, 24.7392, 16.9166

Deuteranopia

25.1198, 24.6368, 10.8286



Tritanopia

37.9059, 24.6109, 13.3422

Trichromacy



Original Color

37.6490, 24.6422, 11.5762

Protanomaly

26.7059, 23.3056, 14.6461

Deuteranomaly

28.6400, 23.6895, 11.0457

Tritanomaly

37.7738, 24.5581, 12.6468

Monochromacy



Original Color

37.6490, 24.6422, 11.5762

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

25.2763, 21.9441, 19.1231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6490, 24.6422, 11.5762 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(229, 90, 86)` looks like.

```
.text, #text, p{  
    color:rgb(229, 90, 86)  
}
```

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(229, 90, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 90, 86) }
```

Border

The CSS property to change the border of an element to XYZ 37.6490, 24.6422, 11.5762 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(229, 90, 86) }
```


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

```
.border{ border-color:rgb(229, 90, 86) }
```

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

Here you see how a box with a 4 pixel rgb(229, 90, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 90, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 90, 86);  
box-shadow:4px 4px 4px 4px rgb(229, 90,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6490, 24.6422, 11.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 90, 86) }
```

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

```
.background{ background-color: rgb(229, 90,  
86) }
```

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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