

Converting Colors

XYZ(37.2830, 25.0872, 13.6953)

Have a look what the booklet for
XYZ(37.2830, 25.0872, 13.6953)
contains.

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Color

**XYZ(37.2091, 25.0182,
13.6943)**

Conversions

Conversions Part 1

Format	Color
Hex	E15F5F
RGB	225, 95, 95
RGB Percent	88%, 37%, 37%
CMY	0.1176, 0.6274, 0.6274
CMYK	0.00, 0.58, 0.58, 0.12
HSL	0°, 68%, 63%
HSV	0°, 58%, 88%
XYZ	37.2091, 25.0182, 13.6943
YIQ	133.8700, 77.4800, 27.5600

Conversions

Conversions Part 2

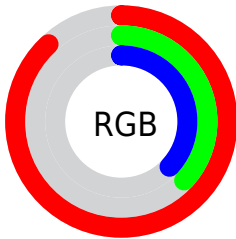
Format	Color
R _Y B	225, 95, 95
Decimal	14770015
CIE Lab	57.09, 50.71, 25.82
CIE LCh	57, 56.906, 26.981
Yxy	25.0182, 0.4901, 0.3295
Android (android.graphics.Color)	4292960095 (0xFFE15F5F)
YUV	133.8700, -19.1629, 79.9210
Hunter-Lab	50.0182, 45.2563, 18.7799

Details

The XYZ color **37.2091, 25.0182, 13.6943** 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 **45.2330, 61.7153, 80.7620**, and the grayscale version is **22.6614, 23.8416, 25.9635**.

A 20% lighter version of the original color is **57.2572, 45.1170, 32.4787**, and **16.5897, 9.5653, 3.8776** is the 20% darker color. If you saturate the color by 10%, you get **34.5877, 21.1828, 8.4826**, and if you desaturate by 10%, it is **40.7121, 30.1446, 20.6571**.

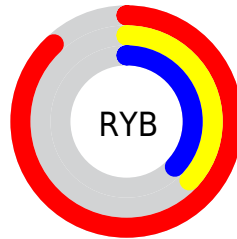
Distribution



Red (88%)

Green (37%)

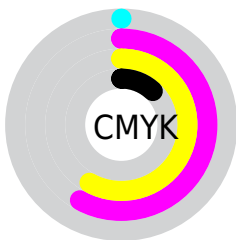
Blue (37%)



Red (88%)

Yellow (37%)

Blue (37%)

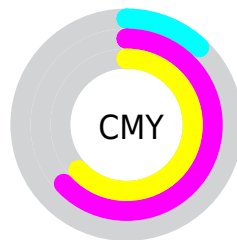


Cyan (0%)

Magenta (58%)

Yellow (58%)

Black (12%)



Cyan (12%)


Magenta (63%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2091, 25.0182, 13.6943 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 37.2091, 25.0182, 13.6943 by changing the saturation by 10% instead.


 37.2091, 25.0182,
13.6943


 37.2091, 25.0182,
13.6943


325.5548,
277.9286, 226.6826


 25.5438, 16.0906,
7.7720


 70.2060, 51.6867,
33.2549

 16.6136, 9.5883,
3.8638


 92.2684, 70.1965,
47.7303

 10.0530, 5.1269,
1.5509


 118.5272, 92.6691,
65.8939

 5.4966, 2.3219,
0.2554

 149.3477,
119.4889, 88.1641

 2.5792, 0.7853,
0.0000

185.0954,
151.0404, 114.9596

 0.9354, 0.0000,
0.0000

226.1356,

 0.0000, 0.0000,

187.7079, 146.6988

0.0000

272.8336,
229.8758, 183.8003

■ 37.2091, 25.0182,
13.6943

■ 37.2091, 25.0182,
13.6943

■ 34.5877, 21.1828,
8.4826

■ 40.7121, 30.1446,
20.6571

■ 32.7680, 18.5199,
4.8653

■ 45.1637, 36.6587,
29.5066

■ 31.6586, 16.8965,
2.6603

■ 50.6267, 44.6526,
40.3667

■ 31.1330, 16.1273,
1.6156

■ 57.1577, 54.2093,
53.3501

■ 31.0513, 16.0077,
1.4532

■ 64.8095, 65.4060,
68.5616

■ 73.6310, 78.3144,
86.0986

■ 83.6685, 93.0020,
106.0531

■ 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



39.1066, 25.0182, 29.2310



37.2091, 25.0182, 13.6943



31.5141, 25.0182, 6.5356

Triad

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



37.2091, 25.0182, 13.6943



14.5288, 25.0182, 11.6741



23.1068, 25.0182, 83.2056

Complementary

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



37.2091, 25.0182, 13.6943



45.2330, 61.7153, 80.7620

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.



17.4261, 25.0182, 71.3758



37.2091, 25.0182, 13.6943



13.0932, 25.0182, 25.3426

Square

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



37.2091, 25.0182, 13.6943



18.3992, 25.0182, 5.8134



14.0455, 25.0182, 47.6465



30.1169, 25.0182, 75.1342

Rectangle

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



37.2091, 25.0182, 13.6943



26.8015, 25.0182, 4.7853



14.0455, 25.0182, 47.6465



20.9928, 25.0182, 81.3307

Sweetspot

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



37.2097, 25.0196, 13.6947



76.5362, 72.9092, 72.0951



48.7340, 29.6282, 74.3841



15.9768, 15.0128, 14.6261



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.



37.2097, 25.0196, 13.6947



45.4534, 27.4259, 10.3047



45.6876, 41.9754, 16.5207



13.7074, 13.7007, 14.2288



17.8933, 9.2245, 0.8374



1.2403, 0.6394, 0.0581

Inverse Universe

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



45.2330, 61.7153, 80.7620



57.0354, 80.3981, 107.1200



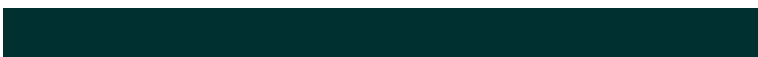
30.8807, 33.0108, 75.9779



14.1166, 15.5722, 17.6494



23.3451, 34.1598, 46.4114



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 37.2091, 25.0182, 13.6943 looks on a white background.

Color Contrast Check

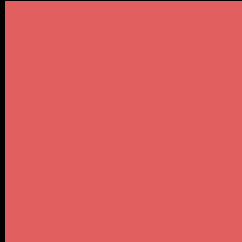
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2091, 25.0182, 13.6943 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 37.2091, 25.0182, 13.6943

Background



This preview shows how black text looks on a background with the XYZ color 37.2091, 25.0182, 13.6943.



This preview shows how white text looks on a background with the XYZ color 37.2091, 25.0182,

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

37.2091, 25.0182, 13.6943

Protanopia

23.6600, 25.1260, 19.5224

Deuteranopia

25.6454, 25.0609, 12.9368



Tritanopia

37.3543, 24.9331, 14.9004

Trichromacy



Original Color

37.2091, 25.0182, 13.6943

Protanomaly

27.0689, 23.9793, 17.1117

Deuteranomaly

28.8603, 24.2770, 13.0624

Tritanomaly

37.2586, 24.8948, 14.3967

Monochromacy



Original Color

37.2091, 25.0182, 13.6943

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.0430, 23.0045, 20.8370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2091, 25.0182, 13.6943 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(225, 95, 95)` looks like.

```
.text, #text, p{  
    color:rgb(225, 95, 95)  
}
```

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(225, 95, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 95, 95) }
```

Border

The CSS property to change the border of an element to XYZ 37.2091, 25.0182, 13.6943 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(225, 95, 95) }
```


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

```
.border{ border-color:rgb(225, 95, 95) }
```

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

Here you see how a box with a 4 pixel rgb(225, 95, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 95, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 95, 95);  
box-shadow:4px 4px 4px 4px rgb(225, 95,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2091, 25.0182, 13.6943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 95, 95) }
```

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

```
.background{ background-color: rgb(225, 95,  
95) }
```

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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