

Converting Colors

XYZ(37.0918, 22.7876, 8.9152)

Have a look what the booklet for
XYZ(37.0918, 22.7876, 8.9152)
contains.

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Color

**XYZ(37.0992, 22.8191,
8.9277)**

Conversions

Conversions Part 1

Format	Color
Hex	E84C4A
RGB	232, 76, 74
RGB Percent	91%, 30%, 29%
CMY	0.0902, 0.7019, 0.7098
CMYK	0.00, 0.67, 0.68, 0.09
HSL	1°, 77%, 60%
HSV	1°, 68%, 91%
XYZ	37.0992, 22.8191, 8.9277
YIQ	122.4160, 93.6180, 32.4500

Conversions

Conversions Part 2

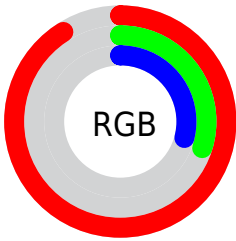
Format	Color
RYB	232, 76, 74
Decimal	15223882
CIELab	54.89, 59.87, 35.33
CIELCh	55, 69.515, 30.546
Yxy	22.8191, 0.5389, 0.3315
Android (android.graphics.Color)	4293413962 (0xFFE84C4A)
YUV	122.4160, -23.8691, 96.1052
Hunter-Lab	47.7693, 55.0325, 22.3577

Details

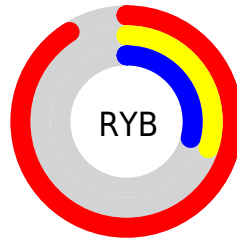
The XYZ color **37.0992, 22.8191, 8.9277** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45.6834, 63.8699, 86.2639**, and the grayscale version is **18.6902, 19.6636, 21.4136**.

A 20% lighter version of the original color is **53.2027, 39.4651, 23.5523**, and **16.5965, 8.5288, 1.9998** is the 20% darker color. If you saturate the color by 10%, you get **35.1496, 19.9488, 5.1069**, and if you desaturate by 10%, it is **39.8994, 26.9301, 14.4534**.

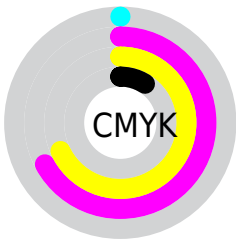
Distribution



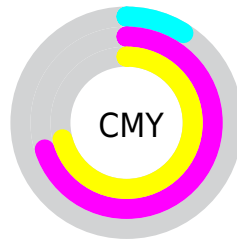
- Red (91%)
- Green (30%)
- Blue (29%)



- Red (91%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (67%)
- Yellow (68%)
- Black (9%)





- Cyan (9%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0992, 22.8191, 8.9277 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 37.0992, 22.8191, 8.9277 by changing the saturation by 10% instead.

 37.0992, 22.8191,
8.9277


 37.0992, 22.8191,
8.9277


325.0879,
266.7945, 193.0358


 25.4583, 14.4600,
4.5979


 70.0382, 48.0961,
24.3335

 16.5494, 8.4413,
1.9587


 92.0670, 65.7828,
36.2466

 10.0071, 4.3786,
0.5297


 118.2892, 87.3475,
51.5246

 5.4659, 1.8875,
0.0000

 149.0700,
113.1746, 70.5859

 2.5607, 0.5409,
0.0000

 184.7750,
143.6484, 93.8491

 0.9260, 0.0000,
0.0000

225.7694,

 0.0000, 0.0000,

179.1534, 121.7328

0.0000

272.4186,
220.0740, 154.6555

■ 37.0992, 22.8191,
8.9277

■ 37.0992, 22.8191,
8.9277

■ 35.1496, 19.9488,
5.1069

■ 39.8994, 26.9301,
14.4534

■ 33.9528, 18.1764,
2.7926

■ 43.6305, 32.3964,
21.8505


■ 33.3818, 17.3237,
1.7108

■ 48.3655, 39.3239,
31.2668


■ 33.3106, 17.2198,
1.5681

■ 54.1695, 47.8070,
42.8351

■ 61.1022, 57.9323,
56.6769

 69.2191, 69.7798,
72.9047

 78.5717, 83.4244,
91.6233

 87.0885, 95.8957,
108.5274

Harmonies

Analogous

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



40.1148, 22.8191, 24.4445



37.0992, 22.8191, 8.9277



29.8129, 22.8191, 3.1948

Triad

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



37.0992, 22.8191, 8.9277



11.1837, 22.8191, 9.2859



21.8302, 22.8191, 95.9235

Complementary

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



37.0992, 22.8191, 8.9277



45.6834, 63.8699, 86.2639

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.



15.1936, 22.8191, 83.0642



37.0992, 22.8191, 8.9277



9.9983, 22.8191, 25.2521

Square

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



37.0992, 22.8191, 8.9277



15.0018, 22.8191, 3.2988



11.2747, 22.8191, 53.2216



30.1158, 22.8191, 82.1647

Rectangle

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



37.0992, 22.8191, 8.9277



24.2125, 22.8191, 2.1013



11.2747, 22.8191, 53.2216



19.3470, 22.8191, 94.5180

Sweetspot

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



37.0997, 22.8204, 8.9281



73.8865, 69.1144, 66.5729



50.2928, 27.8795, 79.0741



15.2815, 14.0147, 13.1845



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.



37.0997, 22.8204, 8.9281



42.8112, 23.6164, 4.8765



45.9058, 40.4326, 11.8634



14.3916, 14.3972, 14.9249



18.4997, 9.5735, 0.8728



1.3723, 0.7179, 0.0662

Inverse Universe

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



45.6834, 63.8699, 86.2639



54.0896, 77.6333, 106.7416



28.7807, 30.0645, 80.6296



14.7909, 16.3033, 18.5116



23.6566, 34.3752, 47.7714



1.7532, 2.5504, 3.5318

Previews

White Background



This preview shows how the XYZ color 37.0992, 22.8191, 8.9277 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 37.0992, 22.8191, 8.9277 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 37.0992, 22.8191, 8.9277

Background



This preview shows how black text looks on a background with the XYZ color 37.0992, 22.8191, 8.9277.



This preview shows how white text looks on a background with the XYZ color 37.0992, 22.8191,

8.9277.

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

37.0992, 22.8191, 8.9277

Protanopia

21.4722, 23.0795, 14.1496

Deuteranopia

23.3153, 22.9847, 8.2087



Tritanopia

37.2061, 22.7525, 9.8278

Trichromacy



Original Color

37.0992, 22.8191, 8.9277

Protanomaly

25.1937, 21.3904, 11.8177

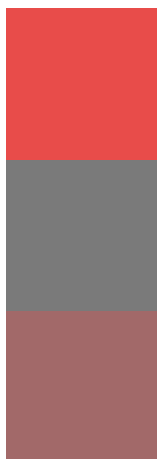
Deuteranomaly

26.8995, 21.7073, 8.2410

Tritanomaly

37.1343, 22.7238, 9.4501

Monochromacy



Original Color

37.0992, 22.8191, 8.9277

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

22.5017, 18.8045, 15.8083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0992, 22.8191, 8.9277 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(232, 76, 74)` looks like.

```
.text, #text, p{  
    color:rgb(232, 76, 74)  
}
```

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(232, 76, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 76, 74) }
```

Border

The CSS property to change the border of an element to XYZ 37.0992, 22.8191, 8.9277 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(232, 76, 74) }
```


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

```
.border{ border-color:rgb(232, 76, 74) }
```

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

Here you see how a box with a 4 pixel rgb(232, 76, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 76, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 76, 74);  
box-shadow:4px 4px 4px 4px rgb(232, 76,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0992, 22.8191, 8.9277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 76, 74) }
```

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

```
.background{ background-color: rgb(232, 76,  
74) }
```

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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