

Converting Colors

XYZ(36.9143, 23.0090, 10.2802)

Have a look what the booklet for
XYZ(36.9143, 23.0090, 10.2802)
contains.

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Color

**XYZ(36.9143, 23.0090,
10.2802)**

Conversions

Conversions Part 1

Format	Color
Hex	E64F51
RGB	230, 79, 81
RGB Percent	90%, 31%, 32%
CMY	0.0980, 0.6902, 0.6823
CMYK	0.00, 0.66, 0.65, 0.10
HSL	359°, 75%, 61%
HSV	359°, 66%, 90%
XYZ	36.9143, 23.0090, 10.2802
YIQ	124.3770, 89.3540, 32.6340

Conversions

Conversions Part 2

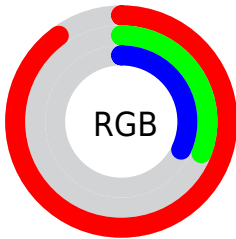
Format	Color
R_{YB}	230, 79, 81
Decimal	15093585
CIE _{Lab}	55.08, 58.41, 31.48
CIE _{LCh}	55, 66.359, 28.324
Yxy	23.0090, 0.5258, 0.3277
Android (android.graphics.Color)	4293283665 (0xFFE64F51)
YUV	124.3770, -21.3849, 92.6314
Hunter-Lab	47.9677, 53.4240, 20.8706

Details

The XYZ color **36.9143, 23.0090, 10.2802** 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 **45.5266, 63.8578, 83.3309**, and the grayscale version is **19.3334, 20.3403, 22.1506**.

A 20% lighter version of the original color is **53.9332, 40.1997, 26.0358**, and **16.5320, 8.5825, 2.4543** is the 20% darker color. If you saturate the color by 10%, you get **34.8191, 19.9608, 6.0613**, and if you desaturate by 10%, it is **39.8686, 27.3208, 16.1884**.

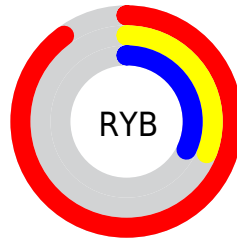
Distribution



Red (90%)

Green (31%)

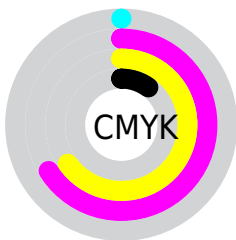
Blue (32%)



Red (90%)

Yellow (31%)

Blue (32%)

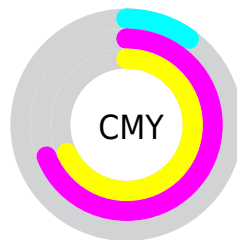


Cyan (0%)

Magenta (66%)

Yellow (65%)

Black (10%)



Cyan (10%)


Magenta (69%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9143, 23.0090, 10.2802 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 36.9143, 23.0090, 10.2802 by changing the saturation by 10% instead.


 36.9143, 23.0090,
10.2802


 36.9143, 23.0090,
10.2802


324.3013,
267.7712, 203.2173


 25.3145, 14.6002,
5.4771

 69.7556, 48.4081,
26.9372

 16.4415, 8.5392,
2.4662


 91.7279, 66.1672,
39.6282


 9.9299, 4.4419,
0.8222


 117.8884, 87.8117,
55.7856

 5.4144, 1.9237,
0.0000

 148.6024,
113.7262, 75.8280

 2.5297, 0.5626,
0.0000

 184.2354,
144.2950, 100.1737

 0.9102, 0.0000,
0.0000

225.1526,

 0.0000, 0.0000,

179.9025, 129.2415

0.0000

271.7195,
220.9331, 163.4499

■ 36.9143, 23.0090,
10.2802

■ 36.9143, 23.0090,
10.2802

■ 34.8191, 19.9608,
6.0613

■ 39.8686, 27.3208,
16.1884

■ 33.4895, 18.0361,
3.3541

■ 43.7591, 33.0090,
23.9373


■ 32.8137, 17.0690,
1.9429


■ 48.6564, 40.1784,
33.6625


■ 32.6496, 16.8295,
1.6147

■ 54.6236, 48.9226,
45.4867

■ 61.7188, 59.3274,
59.5227

 69.9960, 71.4724,
75.8751

 79.5056, 85.4323,
94.6420

 86.4429, 95.5629,
108.4972

Harmonies

Analogous

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



39.3699, 23.0090, 26.2622



36.9143, 23.0090, 10.2802



30.2120, 23.0090, 3.9274

Triad

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



36.9143, 23.0090, 10.2802



11.8685, 23.0090, 9.1832



21.4563, 23.0090, 91.7194

Complementary

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



36.9143, 23.0090, 10.2802



45.5266, 63.8578, 83.3309

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.



15.2240, 23.0090, 78.0963



36.9143, 23.0090, 10.2802



10.5188, 23.0090, 23.8812

Square

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



36.9143, 23.0090, 10.2802



15.7966, 23.0090, 3.5914



11.5941, 23.0090, 49.7461



29.3277, 23.0090, 80.6642

Rectangle

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



36.9143, 23.0090, 10.2802



24.8730, 23.0090, 2.5968



11.5941, 23.0090, 49.7461



19.1178, 23.0090, 89.7743

Sweetspot

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



36.9148, 23.0103, 10.2806



73.8128, 68.8377, 66.9473



48.9106, 27.7160, 77.6343



15.2644, 13.9502, 13.2718



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.



36.9148, 23.0103, 10.2806



43.2572, 24.1442, 6.1484



45.2708, 39.8401, 12.7028



14.3847, 14.3711, 14.9602



18.4879, 9.5294, 0.9325



1.3689, 0.7053, 0.0833

Inverse Universe

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



36.9148, 23.0103, 10.2806



43.2572, 24.1442, 6.1484



29.5686, 31.4968, 79.3835



14.3847, 14.3711, 14.9602



18.4879, 9.5294, 0.9325



1.3689, 0.7053, 0.0833

Previews

White Background



This preview shows how the XYZ color 36.9143, 23.0090, 10.2802 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 36.9143, 23.0090, 10.2802 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 36.9143, 23.0090, 10.2802

Background



This preview shows how black text looks on a background with the XYZ color 36.9143, 23.0090, 10.2802.



This preview shows how white text looks on a background with the XYZ color 36.9143, 23.0090,

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

36.9143, 23.0090, 10.2802

Protanopia

21.6340, 23.1246, 15.8936

Deuteranopia

23.5637, 23.0841, 9.5171



Tritanopia

36.9904, 23.0395, 10.6811

Trichromacy



Original Color

36.9143, 23.0090, 10.2802

Protanomaly

25.1591, 21.5026, 13.4141

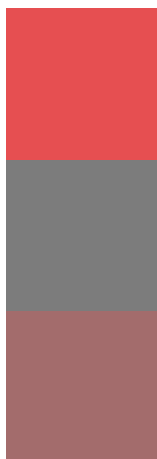
Deuteranomaly

27.2667, 22.0239, 9.6514

Tritanomaly

36.9521, 23.0242, 10.4792

Monochromacy



Original Color

36.9143, 23.0090, 10.2802

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

23.1736, 19.5944, 16.7481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9143, 23.0090, 10.2802 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, 79, 81)` looks like.

```
.text, #text, p{  
    color:rgb(230, 79, 81)  
}
```

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, 79, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 79, 81) }
```

Border

The CSS property to change the border of an element to XYZ 36.9143, 23.0090, 10.2802 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, 79, 81) }
```


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

```
.border{ border-color:rgb(230, 79, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 79, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 79, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 79, 81);  
box-shadow:4px 4px 4px 4px rgb(230, 79,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9143, 23.0090, 10.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 79, 81) }
```

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

```
.background{ background-color: rgb(230, 79,  
81) }
```

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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