

Converting Colors

XYZ(36.7547, 24.2843, 10.1825)

Have a look what the booklet for
XYZ(36.7547, 24.2843, 10.1825)
contains.

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Color

**XYZ(36.8309, 24.3776,
10.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	E35B4F
RGB	227, 91, 79
RGB Percent	89%, 36%, 31%
CMY	0.1098, 0.6431, 0.6902
CMYK	0.00, 0.60, 0.65, 0.11
HSL	5°, 73%, 60%
HSV	5°, 65%, 89%
XYZ	36.8309, 24.3776, 10.1613
YIQ	130.2960, 84.9080, 25.1000

Conversions

Conversions Part 2

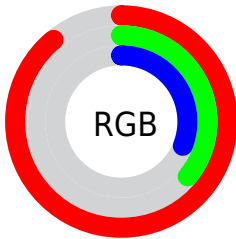
Format	Color
R_{YB}	227, 92, 79
Decimal	14900047
CIE Lab	56.46, 52.18, 34.22
CIE LCh	56, 62.401, 33.256
Yxy	24.3776, 0.5161, 0.3416
Android (android.graphics.Color)	4293090127 (0xFFE35B4F)
YUV	130.2960, -25.2889, 84.8094
Hunter-Lab	49.3737, 46.7503, 22.3595

Details

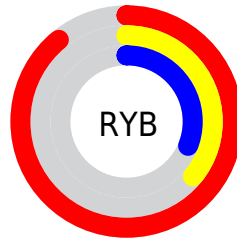
The XYZ color **36.8309, 24.3776, 10.1613** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **41.3878, 55.8049, 81.2626**, and the grayscale version is **21.3897, 22.5036, 24.5065**.

A 20% lighter version of the original color is **55.4813, 43.4027, 26.2223**, and **16.3778, 9.2589, 2.4373** is the 20% darker color. If you saturate the color by 10%, you get **34.5991, 21.0184, 6.0135**, and if you desaturate by 10%, it is **39.8413, 28.8432, 15.9602**.

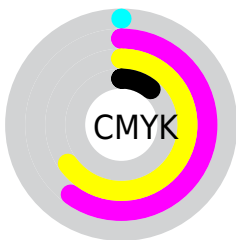
Distribution



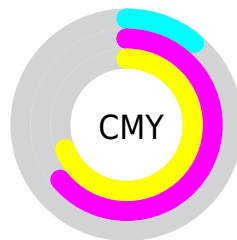
- Red (89%)
- Green (36%)
- Blue (31%)



- Red (89%)
- Yellow (36%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (65%)
- Black (11%)





- Cyan (11%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8309, 24.3776, 10.1613 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 36.8309, 24.3776, 10.1613 by changing the saturation by 10% instead.


 36.8309, 24.3776,
10.1613


 36.8309, 24.3776,
10.1613


323.9461,
274.7240, 202.3459


 25.2497, 15.6140,
5.3990


 69.6282, 50.6457,
26.7110

 16.3929, 9.2514,
2.4204


 91.5749, 68.9189,
39.3355


 9.8952, 4.9055,
0.7975


 117.7075, 91.1308,
55.4178

 5.3913, 2.1919,
0.0000

 148.3913,
117.6658, 75.3766

 2.5157, 0.7156,
0.0000

 183.9917,
148.9082, 99.6302

 0.9032, 0.0000,
0.0000

224.8741,

 0.0000, 0.0000,

185.2424, 128.5973

0.0000

271.4038,
227.0529, 162.6963

■ 36.8309, 24.3776,
10.1613

■ 36.8309, 24.3776,
10.1613

■ 34.5991, 21.0184,
6.0135

■ 39.8413, 28.8432,
15.9602

■ 33.0719, 18.6651,
3.3430

■ 43.6918, 34.4961,
23.5576

■ 32.1638, 17.2060,
1.9395

■ 48.4396, 41.4144,
33.0860

■ 31.9015, 16.7770,
1.5569

■ 54.1367, 49.6685,
44.6651

■ 60.8306, 59.3234,
58.4049

■ 68.5662, 70.4400,
74.4076

■ 77.3851, 83.0756,
92.7688

■ 85.4883, 95.0708,
108.4525

Harmonies

Analogous

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



39.9840, 24.3776, 24.3474



36.8309, 24.3776, 10.1613



29.9979, 24.3776, 4.5125

Triad

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



36.8309, 24.3776, 10.1613



12.8497, 24.3776, 12.3671



23.9680, 24.3776, 89.3411

Complementary

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



36.8309, 24.3776, 10.1613



41.3878, 55.8049, 81.2626

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.



17.4660, 24.3776, 80.2568



36.8309, 24.3776, 10.1613



11.8872, 24.3776, 28.8669

Square

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



36.8309, 24.3776, 10.1613



16.3586, 24.3776, 5.2419



13.3895, 24.3776, 54.8721



31.6504, 24.3776, 75.6250

Rectangle

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



36.8309, 24.3776, 10.1613



24.8394, 24.3776, 3.3981



13.3895, 24.3776, 54.8721



21.5774, 24.3776, 88.8682

Sweetspot

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



36.8315, 24.3790, 10.1617



74.7286, 70.7986, 66.8536



47.0160, 26.9395, 68.4580



15.4782, 14.4081, 13.2501



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.



36.8315, 24.3790, 10.1617



44.2890, 26.2120, 6.4794



46.1632, 43.0424, 13.2723



14.4705, 14.5549, 14.9511



18.6386, 9.8514, 0.9192



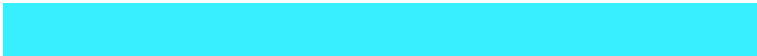
1.4102, 0.7936, 0.0789

Inverse Universe

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



41.3878, 55.8049, 81.2626



50.5127, 69.7161, 105.4020



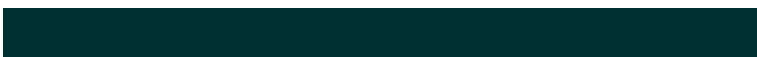
26.9321, 26.8934, 76.4440



14.7022, 16.1257, 18.4820



21.3648, 29.7917, 47.0075



1.6086, 2.2610, 3.4836

Previews

White Background



This preview shows how the XYZ color 36.8309, 24.3776, 10.1613 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 36.8309, 24.3776, 10.1613 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 36.8309, 24.3776, 10.1613

Background



This preview shows how black text looks on a background with the XYZ color 36.8309, 24.3776, 10.1613.



This preview shows how white text looks on a background with the XYZ color 36.8309, 24.3776,

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

36.8309, 24.3776, 10.1613

Protanopia

22.9481, 24.6559, 14.6159

Deuteranopia

25.0887, 24.6486, 9.5662



Tritanopia

37.5877, 24.4469, 13.3273

Trichromacy



Original Color

36.8309, 24.3776, 10.1613

Protanomaly

26.4664, 23.4012, 12.7948

Deuteranomaly

28.5017, 23.8176, 9.7517

Tritanomaly

37.4542, 24.5276, 12.2114

Monochromacy



Original Color

36.8309, 24.3776, 10.1613

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.6317, 21.6378, 17.9172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8309, 24.3776, 10.1613 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(227, 91, 79)` looks like.

```
.text, #text, p{  
    color:rgb(227, 91, 79)  
}
```

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(227, 91, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 91, 79) }
```

Border

The CSS property to change the border of an element to XYZ 36.8309, 24.3776, 10.1613 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(227, 91, 79) }
```


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

```
.border{ border-color:rgb(227, 91, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 91, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 91, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 91, 79);  
box-shadow:4px 4px 4px 4px rgb(227, 91,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8309, 24.3776, 10.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 91, 79) }
```

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

```
.background{ background-color: rgb(227, 91,  
79) }
```

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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