

Converting Colors

XYZ(38.4911, 24.9262, 9.1686)

Have a look what the booklet for
XYZ(38.4911, 24.9262, 9.1686)
contains.

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Color

**XYZ(38.2966, 24.7841,
9.0687)**

Conversions

Conversions Part 1

Format	Color
Hex	E95849
RGB	233, 88, 73
RGB Percent	91%, 35%, 29%
CMY	0.0863, 0.6549, 0.7137
CMYK	0.00, 0.62, 0.69, 0.09
HSL	6°, 78%, 60%
HSV	6°, 69%, 91%
XYZ	38.2966, 24.7841, 9.0687
YIQ	129.6450, 91.2350, 26.0750

Conversions

Conversions Part 2

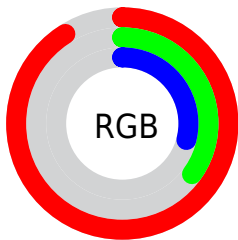
Format	Color
R_{YB}	233, 90, 73
Decimal	15292489
CIE _{Lab}	56.86, 55.23, 38.29
CIE _{LCh}	57, 67.200, 34.731
Yxy	24.7841, 0.5308, 0.3435
Android (android.graphics.Color)	4293482569 (0xFFE95849)
YUV	129.6450, -27.9260, 90.6423
Hunter-Lab	49.7836, 50.1917, 24.0481

Details

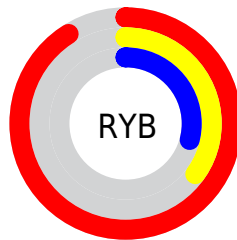
The XYZ color **38.2966, 24.7841, 9.0687** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **42.5248, 57.4380, 85.9357**, and the grayscale version is **21.1667, 22.2690, 24.2509**.

A 20% lighter version of the original color is **54.5753, 42.3101, 23.7026**, and **17.1791, 9.4138, 2.0102** is the 20% darker color. If you saturate the color by 10%, you get **36.1743, 21.5530, 5.2375**, and if you desaturate by 10%, it is **41.2111, 29.1372, 14.5911**.

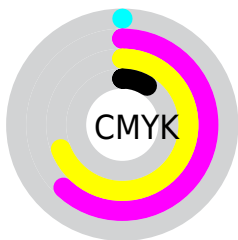
Distribution



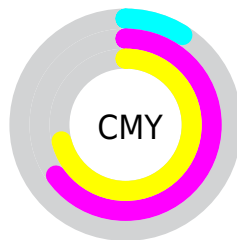
- Red (91%)
- Green (35%)
- Blue (29%)



- Red (91%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (62%)
- Yellow (69%)
- Black (9%)





- Cyan (9%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2966, 24.7841, 9.0687 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 38.2966, 24.7841, 9.0687 by changing the saturation by 10% instead.

 38.2966, 24.7841,
9.0687


 38.2966, 24.7841,
9.0687


330.1495,
276.7610, 194.1265


 26.3912, 15.9163,
4.6886


 71.8635, 51.3068,
24.6083

 17.2508, 9.4649,
2.0102


 94.2557, 69.7304,
36.6048


 10.5099, 5.0457,
0.5615


 120.8743, 92.1080,
51.9772

 5.8031, 2.2741,
0.0000

 152.0845,
118.8242, 71.1440

 2.7653, 0.7599,
0.0000

 188.2518,
150.2631, 94.5238

 1.0309, 0.0000,
0.0000

229.7415,

 0.0000, 0.0000,

186.8093, 122.5352

0.0000

276.9189,
228.8472, 155.5965

■ 38.2966, 24.7841,
9.0687

■ 38.2966, 24.7841,
9.0687

■ 36.1743, 21.5530,
5.2375

■ 41.2111, 29.1372,
14.5911

■ 34.7635, 19.3368,
2.9011

■ 44.9844, 34.6985,
21.9691


■ 33.9616, 18.0114,
1.7756


■ 49.6779, 41.5504,
31.3490


■ 33.8882, 17.8918,
1.6674

■ 55.3469, 49.7670,
42.8619

■ 62.0425, 59.4167,
56.6282

 69.8119, 70.5634,
72.7588

 78.6997, 83.2669,
91.3577

 87.4141, 96.0635,
108.5426

Harmonies

Analogous

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



42.0676, 24.7841, 23.5690



38.2966, 24.7841, 9.0687



30.6185, 24.7841, 3.7133

Triad

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



38.2966, 24.7841, 9.0687



12.3577, 24.7841, 12.4000



24.8259, 24.7841, 97.2381

Complementary

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



38.2966, 24.7841, 9.0687



42.5248, 57.4380, 85.9357

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.



17.6736, 24.7841, 88.1452



38.2966, 24.7841, 9.0687



11.4721, 24.7841, 30.7176

Square

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



38.2966, 24.7841, 9.0687



15.9492, 24.7841, 4.7491



13.1868, 24.7841, 59.9406



33.2642, 24.7841, 80.5132

Rectangle

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



38.2966, 24.7841, 9.0687



24.9725, 24.7841, 2.7545



13.1868, 24.7841, 59.9406



22.1952, 24.7841, 97.1550

Sweetspot

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



38.2972, 24.7855, 9.0691



74.0210, 69.8690, 65.1210



48.8608, 27.2384, 70.1609



15.3466, 14.2390, 12.9156



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.



38.2972, 24.7855, 9.0691



43.6511, 25.2963, 5.1565



48.5036, 45.1984, 12.4713



15.1791, 15.2812, 15.6683



19.2680, 10.2302, 0.9591



1.5518, 0.8809, 0.0882

Inverse Universe

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



42.5248, 57.4380, 85.9357



48.9913, 67.4366, 105.0422



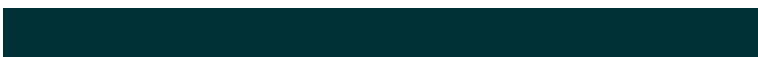
26.7851, 25.9587, 80.6891



15.3899, 16.8662, 19.3666



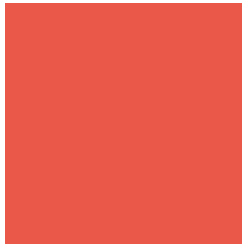
21.6331, 29.9133, 48.3766



1.7340, 2.4194, 3.8105

Previews

White Background



This preview shows how the XYZ color 38.2966, 24.7841, 9.0687 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 38.2966, 24.7841, 9.0687 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 38.2966, 24.7841, 9.0687

Background



This preview shows how black text looks on a background with the XYZ color 38.2966, 24.7841, 9.0687.



This preview shows how white text looks on a background with the XYZ color 38.2966, 24.7841,

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

38.2966, 24.7841, 9.0687

Protanopia

23.2284, 25.0362, 13.5057

Deuteranopia

25.2990, 24.7819, 8.4510



Tritanopia

39.1478, 24.9033, 12.6410

Trichromacy



Original Color

38.2966, 24.7841, 9.0687

Protanomaly

27.0194, 23.5370, 11.5065

Deuteranomaly

28.9123, 23.8853, 8.5553

Tritanomaly

38.9401, 24.9489, 11.1508

Monochromacy



Original Color

38.2966, 24.7841, 9.0687

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.8274, 21.5811, 17.3250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2966, 24.7841, 9.0687 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(233, 88, 73)` looks like.

```
.text, #text, p{  
    color:rgb(233, 88, 73)  
}
```

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(233, 88, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 88, 73) }
```

Border

The CSS property to change the border of an element to XYZ 38.2966, 24.7841, 9.0687 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(233, 88, 73) }
```


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

```
.border{ border-color:rgb(233, 88, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 88, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 88, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 88, 73);  
box-shadow:4px 4px 4px 4px rgb(233, 88,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2966, 24.7841, 9.0687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 88, 73) }
```

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

```
.background{ background-color: rgb(233, 88,  
73) }
```

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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