

Converting Colors

XYZ(40.6488, 26.7618, 9.0689)

Have a look what the booklet for
XYZ(40.6488, 26.7618, 9.0689)
contains.

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Color

**XYZ(40.7690, 26.8240,
9.1597)**

Conversions

Conversions Part 1

Format	Color
Hex	EF5E48
RGB	239, 94, 72
RGB Percent	94%, 37%, 28%
CMY	0.0627, 0.6313, 0.7176
CMYK	0.00, 0.61, 0.70, 0.06
HSL	8°, 84%, 61%
HSV	8°, 70%, 94%
XYZ	40.7690, 26.8240, 9.1597
YIQ	134.8470, 93.4820, 23.8980

Conversions

Conversions Part 2

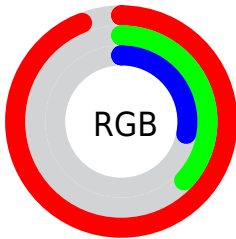
Format	Color
R_{YB}	239, 97, 72
Decimal	15687240
CIE _{Lab}	58.81, 54.62, 41.35
CIE _{LCh}	59, 68.506, 37.129
Yxy	26.8240, 0.5312, 0.3495
Android (android.graphics.Color)	4293877320 (0xFFEF5E48)
YUV	134.8470, -30.9836, 91.3422
Hunter-Lab	51.7919, 49.8740, 25.7685

Details

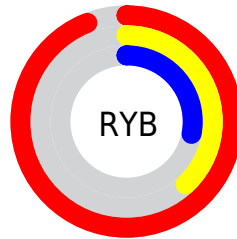
The XYZ color **40.7690, 26.8240, 9.1597** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **43.0631, 57.2310, 90.4378**, and the grayscale version is **23.0605, 24.2614, 26.4207**.

A 20% lighter version of the original color is **55.4386, 44.1354, 23.6862**, and **18.7218, 10.5664, 2.0301** is the 20% darker color. If you saturate the color by 10%, you get **38.5315, 23.3640, 5.2861**, and if you desaturate by 10%, it is **43.8065, 31.4000, 14.7944**.

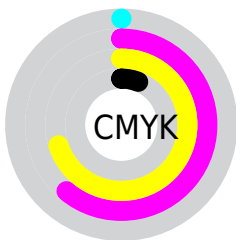
Distribution



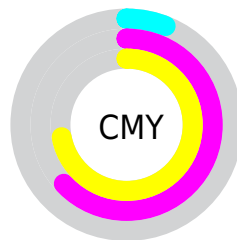
- Red (94%)
- Green (37%)
- Blue (28%)



- Red (94%)
- Yellow (38%)
- Blue (28%)



- Cyan (0%)
- Magenta (61%)
- Yellow (70%)
- Black (6%)





- Cyan (6%)
- Magenta (63%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7690, 26.8240, 9.1597 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 40.7690, 26.8240, 9.1597 by changing the saturation by 10% instead.


 40.7690, 26.8240,
9.1597


 40.7690, 26.8240,
9.1597


340.4333,
286.8039, 194.8265


 28.3255, 17.4411,
4.7473


 75.6100, 54.6013,
24.7851


 18.7129, 10.5495,
2.0436


 98.7383, 73.7645,
36.8352

 11.5658, 5.7648,
0.5819


 126.1588, 96.9566,
52.2682

 6.5188, 2.7026,
0.0000

 158.2370,
124.5619, 71.5027

 3.2067, 0.9785,
0.0000

 195.3382,
156.9649, 94.9573

 1.2640, 0.0000,
0.0000

237.8277,

 0.1560, 0.0000,

194.5500, 123.0504

0.0000

286.0710,
237.7016, 156.2006

■ 0.0000, 0.0000,
0.0000

■ 40.7690, 26.8240,
9.1597

■ 40.7690, 26.8240,
9.1597

■ 38.5315, 23.3640,
5.2861

■ 43.8065, 31.4000,
14.7944

■ 37.0142, 20.9190,
2.9621

■ 47.7097, 37.1723,
22.3665

■ 36.1080, 19.3713,
1.8446


■ 52.5397, 44.2193,
32.0319


■ 36.0994, 19.3567,
1.8336

■ 58.3513, 52.6112,
43.9307

■ 65.1949, 62.4130,
58.1905

 73.1177, 73.6856,
74.9293

 82.1638, 86.4863,
94.2575

 89.4064, 97.0906,
108.6359

Harmonies

Analogous

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



45.2570, 26.8240, 23.8038



40.7690, 26.8240, 9.1597



32.3467, 26.8240, 3.8888

Triad

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



40.7690, 26.8240, 9.1597



13.2630, 26.8240, 14.5964



27.5656, 26.8240, 103.9953

Complementary

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



40.7690, 26.8240, 9.1597



43.0631, 57.2310, 90.4378

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.



19.6870, 26.8240, 96.4910



40.7690, 26.8240, 9.1597



12.5318, 26.8240, 35.3710

Square

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



40.7690, 26.8240, 9.1597



16.8912, 26.8240, 5.5974



14.6106, 26.8240, 67.2646



36.6152, 26.8240, 84.2389

Rectangle

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



40.7690, 26.8240, 9.1597



26.3181, 26.8240, 3.0236



14.6106, 26.8240, 67.2646



24.6901, 26.8240, 104.6995

Sweetspot

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



40.7696, 26.8255, 9.1601



74.5154, 70.8577, 65.2858



50.7681, 28.1272, 70.1280



15.4616, 14.4691, 12.9539



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.



40.7696, 26.8255, 9.1601



43.7666, 25.6784, 4.7292



52.0928, 49.4720, 12.9345



15.9407, 16.0945, 16.4161



20.0022, 10.8024, 1.0308



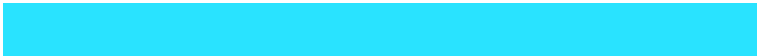
1.7167, 1.0041, 0.1033

Inverse Universe

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



43.0631, 57.2310, 90.4378



46.3631, 62.5006, 104.2280



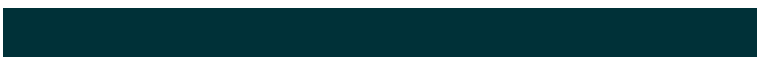
27.0590, 25.2229, 85.1031



16.0593, 17.5528, 20.2632



21.0776, 28.3795, 49.4948



1.8024, 2.4587, 4.1338

Previews

White Background



This preview shows how the XYZ color 40.7690, 26.8240, 9.1597 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 40.7690, 26.8240, 9.1597 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 40.7690, 26.8240, 9.1597

Background



This preview shows how black text looks on a background with the XYZ color 40.7690, 26.8240, 9.1597.



This preview shows how white text looks on a background with the XYZ color 40.7690, 26.8240,

9.1597.

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

40.7690, 26.8240, 9.1597

Protanopia

24.9937, 27.0358, 13.3523

Deuteranopia

27.4939, 26.9282, 8.5991



Tritanopia

41.7876, 26.8520, 14.0468

Trichromacy



Original Color

40.7690, 26.8240, 9.1597

Protanomaly

29.1446, 25.7309, 11.6141

Deuteranomaly

31.2828, 25.9803, 8.6761

Tritanomaly

41.4826, 26.8677, 12.0164

Monochromacy



Original Color

40.7690, 26.8240, 9.1597

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.8747, 23.4870, 18.4462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7690, 26.8240, 9.1597 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(239, 94, 72)` looks like.

```
.text, #text, p{  
  color:rgb(239, 94, 72)  
}
```

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(239, 94, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 94, 72) }
```

Border

The CSS property to change the border of an element to XYZ 40.7690, 26.8240, 9.1597 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(239, 94, 72) }
```


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

```
.border{ border-color:rgb(239, 94, 72) }
```

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

Here you see how a box with a 4 pixel rgb(239, 94, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 94, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 94, 72);  
box-shadow:4px 4px 4px 4px rgb(239, 94,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7690, 26.8240, 9.1597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 94, 72) }
```

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

```
.background{ background-color: rgb(239, 94,  
72) }
```

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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